™

1WorldSync Item Management

Participant Dictionary
Release 6.8.16
Version 1

CHANGE RECORD

For a detailed record of changes that have been made to the *Participant Dictionary* as a result of the most recent release of 1SYNC Item Management (IM), please refer to Appendix X of this document. **For information about the major changes to the appendices of this document corresponding the release of IM R6.2.1, please refer to the new section "Key Details About the Appendices of this Document" below.**

Participant Dictionary

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Participant Dictionary

I. INTRODUCTION

Purpose	The Participant Dictionary is for users of 1SYNC Item Management (IM). The purpose of this document is to provide users with information about: • Required, Dependent and Optional attributes • Attribute definitions • Business Examples • Data Examples • Valid Values Please Note: This document is intended to be used in conjunction with the various Interoperability/Extension Guides that are available on the Item Management Solution Center. Please keep in mind that detailed information regarding attributes that are specific to an Interoperability or Extension connection can be found in the corresponding Interoperability/Extension Guide.
Dictionary Updates	1SYNC plans to expand the scope of IM to support many e-commerce initiatives. This dictionary will grow as attributes are added and IM functionality increases. Every effort will be made to update this dictionary in real time. Please refer to the Data Source and Data Recipient 1SYNC XML guides on the 1SYNC Solution Center for more technical details.
Key Terms	Throughout this dictionary, you will see standard terminology and acronyms used. The table on the next page provides definitions and explanations for these key terms and acronyms.
Contents	This document is currently divided into two major sections: • Trade Item Attributes • Appendices – Containing reference tables for valid values and external references
Help & Support	If you have questions about the terms, concepts, or instructions provided in this document, please contact customersupport@1SYNC.org for assistance.

II. KEY TERMS

Key Term or Acronym	Definition
Global Vs. Target Market Attributes	Item attributes are separated into two groups – Global and Target Market Specific. • Global attributes cannot vary for an information provider's GTIN. Thus there can only be one value for each global attribute. • Target Market Specific attributes can vary for each target market selected. Both sets of attributes are made up of Mandatory, Optional, and Dependent attributes and an item can not be loaded without one set of Global and one or more sets of Target Market specific attributes. The listing of those attributes designated as Global are listed in Appendix Q of this document. **Note: Links are Global, which means that all GTIN Variations for the Items will have the same Links.**
Item or Trade Item	Refers to a GTIN describing a product available from the participant stored in 1SYNC IM.
GTIN	GTIN stands for Global Trade Item Number®. The GTIN is the globally unique GS1 identification number used to identify trade items (products and services) that are sold, delivered, warehoused, and invoiced.
Base Unit	This is an item that is at the lowest level of a hierarchy. This can be but is not always the same as the consumer unit.
Consumer Unit	This is an item that can be sold at the retail level as a single unit to the consumer. There can be more than one consumer unit in a hierarchy
Trading Partner	Any physical, functional, or legal entity involved at any point in the supply chain that exchanges information about products or services with other entities in the supply chain. Examples include: manufacturer, importer, broker, distributor, or retailer.
GLN	Global Location Number: Unique number used to identify publisher or subscribers and their locations in accordance GS1 standards. Can be used to identify multiple entities or locations for both parties.

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Key Term or Acronym	Definition
Information Provider	This is the entity responsible for the validity of the GTIN and GLN entered into Item Management. This may be the original manufacturer, importer, distributor, retailer, or a designated agent that is supplying the trade item to the market.
Mandatory, Optional, Dependent (M/O/D)	Each attribute field is labeled with one of these terms in Item Management. All Mandatory fields are required in order to load data into 1SYNC Item Management and register the items in the Global Registry. Optional fields may be populated at the discretion of the Trading Partner or Information Provider. Dependent fields become mandatory when related optional fields are populated. *Please note that any attributes marked as "Conditional" (e.g., Height, Width, and Depth) are considered to be Mandatory by default, but may become optional based on a combination of specific conditions as described on the attribute page.*
Field Types (Type/Size)	Each attribute allows a specific data format. Below is a key of the abbreviations used to indicate the Type/Size: • AN – Alphanumeric • N – Numeric (Total,precision) o "precision" refers to the maximum number of digits to the right of a decimal place. For example, the value for the attribute "Height" can have a total of 38 digits, with a maximum of 15 digits to the right of the decimal. Therefore, its "Type/Size" value is expressed as **N/38,15** • I – Integer • VV – Valid Value o Please refer to the *1SYNC IM Valid Values* document on the 1SYNC Solution Center for a full list of all valid values. • Boolean – Yes (true)/No (false) • Date • Date/Time

Key Term or Acronym	Definition
Occurrence	Indicates whether the attribute can have multiple values for a single language (also referred to as "looping"). "0 or 1" indicates that the attribute may only have one value. "0 or more" indicates that the attribute may have more than one value. For example, **Country of Origin** allows many values to show all of the countries from which a product could originate; its **Occurrence** is therefore listed as "0 or more". If the **Occurrence** is "0 or More" and the **Lang Specific** field indicates "Yes", then the attribute can have more than one value by varying the language of the attribute. For example, **Short Description / POS Desc. 1** can have multiple values that vary by the associated language code, which is noted as having an **Occurrence** of "0 or More" and a **Lang Specific** indication of "Yes". For attributes such as **Country of Origin** (which also has an occurrence of "0 or More"), this attribute is noted as having a **Lang Specific** value of "No", which means that this attribute can have multiple values, but the multiple values are not multiple by languages.
Lang Specific	Indicates whether the value may be supplied in more than one language. "Yes" indicates that the attribute value may be provided in more than one language. For example, **Short Description / POS Desc. 1** can have multiple values that vary by the associated language code.
BMS	Business Message Standard (BMS): A standard collection of material created by GS1 to provide the necessary information to implement the approved GS1 standard. The corresponding attribute information is vital in defining the characteristics of a GTIN (Global Trade Item Identification). *Please note: All corresponding Unit of Measure (UOM) values for a given attribute are implied in the BMS (i.e., Depth UOM). An attribute such as Depth will not have a separate attribute for the UOM. However, the Unit of Measure will be sent within the attribute. <table><tr><th>1SYNC IM GUI Field</th><th>BMS 2.8</th><th>GDSN CIN</th></tr><tr><td>Depth</td><td>depth</td><td>depth</td></tr><tr><td>Depth UOM</td><td>N/A *</td><td>depth unitOfMeasure</td></tr></table>

Key Term or Acronym	Definition
GDSN CIN	Global Data Synchronization Network Catalogue Item Notification (GDSN CIN): A message used to synchronize or transmit trade item information from source data pool to recipient data pool and is forwarded to the data recipient. The GDSN CIN attributes commonly coincide with the BMS. *Please note: All corresponding Unit of Measure (UOM) values for a given attribute are implied in the GDSN CIN (i.e., depth UOM). An attribute such as Depth will not have a separate attribute for the UOM. However, the Unit of Measure will be sent within the attribute. ** Also note that attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Depth	Depth	depth
Depth UOM	N/A *	depth unitOfMeasure

III. TRADE ITEM ATTRIBUTES

Attribute Name			Definition		
Information Provider			Populate this field with the GLN of the entity responsible for the validity of the item information entered into 1SYNC Item Management. The original manufacturer, importer, distributor, retailer, or designated agent. IP Name will default in the GUI as a result of the GLN provided.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Header	Mandatory	I/13	1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
All global location numbers must be based on a GS1 company prefix based on an assigned GS1 prefix to a GS1 MO, or are managed by the GS1 Global Office in lieu of an existing member organization that may not cover that country. List of valid prefixes can be found here: http://www.gs1.org/barcodes/support/prefix_list			Combination of this field (GLN) + GTIN + Target Market uniquely identifies a set of attributes for a trade item. The data owner is not necessarily the source of the data, but has the responsibility to provide and maintain the data in 1SYNC Item Management.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
informationProviderGLN

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Information Provider	informationProvider	informationProvider

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Attribute Name			Definition		
IP Name			Name of the party who provides the trade item information to 1SYNC Item Management.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Header	Default	AN/128	1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
The IP Name will default in the GUI as a result of the Information Provider GLN. It will default in the outbound messages based on a Table maintained by 1SYNC. Note: Prior to the release of IM R6.0, this attribute was named "Information Provider Name".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
informationProviderName (Data Recipient 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
IP Name	nameOfInformationProvider	nameOfInformationProvider

Attribute Name			Definition		
Global Trade Item Number (GTIN)			The Global Trade Item Number is the standard 14-digit number used to identify all trade items in 1SYNC Item Management. For a more detailed definition, refer to the introductory section of this document.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Header	Mandatory	I/14	1	No
Examples			**Reference**		
14 digit code, i.e. 00000000000000			For a more detailed definition, refer to the introductory section of this document.		
Additional Comments			**Business Case**		
Note: For trade items where the Target Market = Netherlands, GTIN numbers starting with 0020-0029, 0040-0049, and 0200-0299 are not allowed. All global trade item numbers must be based on a GS1 company prefix based on an assigned GS1 prefix to a GS1 MO, or are managed by the GS1 Global Office in lieu of an existing member organization that may not cover that country. List of valid codes can be found here: http://www.gs1.org/barcodes/support/prefix_list			GS1 numbering structures will be used for the identification of trade items. All of them will be considered as 14-digit Global Trade Item Number (GTIN). Must be present to enable data to be presented to trade item catalogue. Must be submitted by the owner of the data (who may be the original manufacturer, the importer, the broker or the agent of the original manufacturer) See the GS1 General Specifications for more detail. This field is mandatory within the Global Data Synchronization work process.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
gtin

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Global Trade Item Number (GTIN)	globalTradeItemNumber	globalTradeItemNumber

Attribute Name			Definition		
GTIN Name			The name of the trade item as it appears on the package, plus any key identifying words to help 1SYNC Item Management users to easily distinguish trade items.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Header	Mandatory	AN/140	1 or More	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: Can be populated in multiple languages.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
gtinName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
GTIN Name	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Target Market			The target market indicates the country where the trade item is available for sale.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Header	Mandatory	VV/2	1	No
Examples			**Reference**		
US = United States, MX=Mexico			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
			This information drives data synchronization rules linked to Global/Target Market. Combination of this field +GTIN+GLN uniquely identifies a set of attributes or a trade item.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
targetMarket

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Target Market	targetMarketCountryCode	targetMarketCountryCode

Attribute Name			Definition		
Product Type			Describes the hierarchical level of the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Header	Mandatory	VV/2	1	No
Examples			**Reference**		
'EA' (Each), 'CA' (Case)			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If tradeItemUnitDescriptor is "TRANSPORT_LOAD", and the item has a parent, then the tradeItemUnitDescriptor of the parent item can only be "TRANSPORT_LOAD". If tradeItemUnitDescriptor is "PALLET", and the item has a parent, then the tradeItemUnitDescriptor of the parent item can only be TRANSPORT_LOAD or "PALLET". If tradeItemUnitDescriptor is "PALLET", and the item has a children, then the tradeItemUnitDescriptor of the children can never be TRANSPORT_LOAD. If tradeItemUnitDescriptor is "CASE", and the item has a parent, then the tradeItemUnitDescriptor of the parent item can never be BASE_UNIT_OR_EACH or PACK_OR_INNER_PACK. I f tradeItemUnitDescriptor is CASE, and the item has a children, then the tradeItemUnitDescriptor of the children can never be TRANSPORT_LOAD or PALLET. If tradeItemUnitDescriptor is "Pack", and the item has a parent, then the tradeItemUnitDescriptor of the parent item can never be "Each". If tradeItemUnitDescriptor is "Pack", and the item has a children, then the tradeItemUnitDescriptor of the children can never be "TransportLoad", "Pallet" or "Case".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productType

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**

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Product Type	tradeItemUnitDescriptor	tradeItemUnitDescriptor

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Attribute Name			Definition		
Target Market Description			Name of the country where the trade item is available for sale.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Header	Default	N/A – Display Only	1	No
Examples			**Reference**		
United States, Mexico					
Additional Comments			**Business Case**		
1SYNC defaults the Target Market Description based on the Target Market Code provided by the Data Source					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
targetMarketName (Data Recipient 1SYNC XML Only)

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Target Market Description	targetMarketDescription	targetMarketDescription

Attribute Name			Definition		
Language			Use this field to specify the language for the language-specific fields described in this section.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Header	Mandatory	VV/2	-	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
N/A

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Language	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Brand Owner GLN			A brand is owned by a particular organization. Populate this field with the GLN used to identify the owner of the brand.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Optional	I/13	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Must be 13-digit number. Note: Prior to the release of IM R6.0, this attribute was named "Owning Organization".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
brandOwnerGLN

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Brand Owner GLN	brandOwner	brandOwner

Attribute Name			Definition		
Brand Owner Name			Name of the party who owns the brand of the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Default	AN/35	1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
This attribute will default in the GUI as a result of the Brand Owner GLN provided. It will default in the outbound messages based on a table maintained by 1SYNC. Note: Prior to the release of IM R6.0, this attribute was named "Owning Organization Name".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
brandOwnerName (Data Recipient 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Brand Owner Name	nameOfBrandOwner	nameOfBrandOwner

Participant Dictionary

Attribute Name			Definition		
Brand Name			The brand name for the product recognized by the consumer.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Mandatory	AN/70	1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
The Brand Name must be identical for each TM of a GTIN. For guidance on how to populate this attribute, please refer to the specification at http://www.gs1.org/sites/default/files/docs/gsmp/gdsn/tiig/GDS_TIIG_29_Brand_Description.pdf.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
brandName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Brand Name	brandName	brandName

Attribute Name			Definition		
Qty of Next Level Item(s)			Indicates the TOTAL number of next lower level trade items that this trade item contains. The sum of the quantities of direct child links must equal the Qty of Next Level Item(s) of the Parent Item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Mandatory	I/6	1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
The Qty of Next Level Item(s) must be identical for each TM of a GTIN. If Composition Width, Composition Depth, and Num of Complete Layers Cont in Item/GTIN Pallet Hi (hi) are all supplied, the product of the three attributes must equal the Qty of Next Level Item(s) (formerly "Pack") If the attribute "Is Trade Item Packed Irregularly" = 'No/false', then the value provided for the attribute "Qty of Next Level Item(s)" must equal the value produced when the "Num of Complete Layers Cont in Item/GTIN Pallet Hi (hi)" is multiplied by the "Num of Items in a Complete Layer/GTIN Pallet Ti (ti)." If deleting a publication for a GTIN, you will need to wait 25 hours from the time the publication delete is processed in IM before modifying this attribute. If you have any questions about the Publication Delete process, please contact 1SYNC Customer Support. Note: Prior to IM release 6.2, this attribute was named "Pack" in the IM User Interface. Note: This attribute may be subject to 1SYNC Brand Identity validations.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)

totalQuantityOfNextLowerTradeItem (Data Source 1SYNC XML)
totalQuantityOfNextLowerLevelTradeItem (Data Recipient 1SYNC XML)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Qty of Next Level Item(s)	totalQuantityOfNextLowerLevelTradeItem	totalQuantityOfNextLowerLevelTradeItem

Attribute Name			Definition		
Inner Pack			Indicates the number of non-coded physical groupings (innerpacks) of next lower level trade items within the current GTIN level. An Inner Pack can only contain the same GTIN, and Inner Pack sizing must be constant. Change of Inner Pack does not change higher or lower level GTINs.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Optional	I/10	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Valid values 0-9999999999. In most cases best practices require the manufacturer to assign a GTIN to the Inner Pack and enter it as a Trade Item "Pack" (PK) or Assorted Pack/Setpack (AP) in the Hierarchy, not populating the Inner Pack attribute at all. Please talk to your 1SYNC Implementation Services Manager or 1SYNC Customer Support before including any Inner Pack info in 1SYNC Item Management.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
innerPack

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Inner Pack	quantityOfInnerPack	quantityOfInnerPack

Attribute Name			Definition		
Net Content			The amount of the trade item contained by a package, usually as claimed on the label.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	N/38,15	1 or more	No
Examples			**Reference**		
Mineral Water 750ml - net content = 750 ML 20 count pack of diapers, net content = 20 1N (Count) Hot chocolate 10 – 1oz packets-net content = 10 OZ Note: packages that contain product with different types of net contents such as a Halloween costume kit (liquid makeup, powder make up, application sponges) or a travel shaving kit (razor, blades and shaving cream) - net content = 1 (count) "1N" or 1 (kit) "KT" when individual net contents are listed.					
Additional Comments			**Business Case**		
Becomes required if Consumer Unit Indicator = 'Yes' (GUI) or 'true' (Batch) Value in grossWeight must be greater than or equal to value in netContent if this is given as weight. To accommodate data sources who provide multiple Net Content values but whose data recipients only accept one value, for US Target Market GTINs, all imperial values will be supplied first, followed by metric, followed by neutral values. For non-US Target Market GTINs, all metric values will be supplied first, followed by imperial, followed by neutral values. If more than one imperial or metric value is provided, then these values will be supplied in alphabetical order based on the UOM code provided. Note: This attribute may be subject to 1SYNC Brand Identity validations.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
netContent

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Net Content	netContent	netContent

Attribute Name			Definition		
Net Content UOM			The unit of measure for the "Net Content" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	VV/3	1 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Becomes required if the "Net Content" attribute is populated. Note: This attribute may be subject to 1SYNC Brand Identity validations.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
netContent/uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Net Content UOM	N/A*	netContent unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the   attribute.

Attribute Name			Definition		
Base Unit Indicator			Indicates whether a trade item is (true) or is not (false) a base unit. Denotes an item that is at the lowest level of a hierarchy.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Yes/No (GUI) true/false (Batch).					
Additional Comments			**Business Case**		
If deleting a publication for a GTIN, you will need to wait 25 hours from the time the publication delete is processed in IM before modifying this attribute. If you have any questions about the Publication Delete process, please contact 1SYNC Customer Support. In the GDSN CIN (Item Sync) message, this attribute is Mandatory and must be populated as 'Yes/true' for the lowest level GTIN(s) in the hierarchy. Please note that if this attribute is not populated on other levels in the hierarchy, a default value of "false" will be sent on the outbound GDSN CIN message.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isBaseUnit

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Base Unit Indicator	isTradeItemABaseUnit	isTradeItemABaseUnit

Attribute Name			Definition		
Consumer Unit Indicator			Identifies whether the current hierarchy level of a trade item is intended for ultimate consumption. For retail, this trade item will be scanned at point of sale. At retail, this data is commonly used to select which GTINs should be used for shelf planning and for front end POS databases.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	Boolean	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
This attribute is Mandatory in the GDSN CIN (Item Sync) messages. If not populated, 1SYNC will default to "false" in the GDSN CIN. If Consumer Unit Indicator is set to 'Yes/true', then the "Net Content" attribute is required. Note: This value reflects the intention of the Information Provider which may not necessarily be the intention of the retailer. There can be more than one consumer unit in a hierarchy.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isConsumerUnit

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Consumer Unit Indicator	isTradeItemAConsumerUnit	isTradeItemAConsumerUnit

Attribute Name			Definition		
Variable Weight Trade Item			Indicates that an article is not a fixed quantity, but that the quantity is variable. Can be weight, length, volume. Trade item is used or traded in continuous rather than discrete quantities.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
If variable (true) then weight specified in net weight is interpreted as average. This attribute is Mandatory in the GDSN CIN (Item Sync) message (defaults to 'false' if not populated). Yes/No (GUI) true/false (Batch).					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isVariableWeightItem

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Variable Weight Trade Item	isTradeItemAVariableUnit	isTradeItemAVariableUnit

Attribute Name			Definition		
Own Label/Private Label			Indicates if the trade item is (true) or is not (false) a private label.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Yes/No (GUI) true/false (Batch)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
ownLabelPrivateLabel

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Own Label/Private Label	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Is Trade Item Packed Irregularly?			Indicates that the item is packed in a non-rectilinear pattern such that it is not meaningful to send the number of child trade items in the width/depth/height.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Optional	VV/60	0 or 1	No
Examples			**Reference**		
TRUE			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isTradeItemPackedIrregularly

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Trade Item Packed Irregularly?	isTradeItemPackedIrregularly	istradeItemPackedIrregularly

Attribute Name			Definition		
Is Trade Item A Display Unit?			Indicates whether or not a trade item is or could be used as a display unit. A display unit is intended to be shipped to a store without being split at a distribution center or similar party and is intended to be displayed in a retail store either on a shelf or on the floor.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Optional	VV/60	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-Binary Logic Codes valid values		
Additional Comments			**Business Case**		
If a value for 'Is Trade Item A Display Unit?' is not provided, on the GDSN CIN message this field will be populated by default with the value provided for the attribute 'Is Trade Item a Full Display Stand?' (which was previously populated via the French Extension only). If neither of these attributes are populated, a value of "UNSPECIFIED" will be populated by default on the GDSN CIN message.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isTradeItemADisplayUnit

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Trade Item A Display Unit?	isTradeItemADisplayUnit	isTradeItemADisplayUnit

Attribute Name			Definition		
Is Trade Item a Service?			An indicator that the trade item is a service and not a physical item. For example, a pre-paid phone card, or installation/maintenance service.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isTradeItemAService

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Trade Item a Service?	isTradeItemAService	isTradeItemAService

Participant Dictionary

Attribute Name			Definition		
Product Form			Indicates the form of the product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Optional	AN/35	0 or more	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productForm

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Product Form	tradeItemFormDescription	tradeItemFormDescription

Participant Dictionary

Attribute Name			Definition		
Canceled Date			Communicates cancellation of the launch of a trade item that was never and will never be manufactured, but may have been presented to buyers. Allows the reuse of the GTIN 12 months after cancellation.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Optional	Date	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Batch format XML = CCYY-MM-DDTHH:MM:SS.SSS Online format = user's default data format.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
cancelDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Canceled Date	canceledDate	canceledDate

Attribute Name			Definition		
Special Item Code			This element identifies specific items for promotional or special tracking purposes. A collateral item is a trade item delivered from a manufacturer to the retail selling floor that is not considered inventory and has no retail value. A Gift with Purchase (GWP) is a trade item given to a consumer as part of a promotional event, contingent on the consumer making a purchase of another item or items. A Gift with Purchase is considered inventory and has no retail value. A Purchase with Purchase (PWP) is a trade item sold to a consumer at a special price as part of a promotional event, contingent on the consumer purchasing another item or items. A Purchase with Purchase is considered inventory and has a retail value. A Dynamic Assortment is when the quantity of the case remains fixed, however the mix of the lower level GTINs may vary from case to case. If Next Lower Level Trade Item Information is specified the actual quantity of each child item may be different from pack to pack. The pack may even contain only one of the child items, however the pack will always contain the number of items specified in the Qty of Next Level Item(s). For example Dynamic Assortment: Chia Pets are sold individually to the consumer and each different Chia Pet is marked with a unique GTIN. The items are ordered by the case, which has its own unique GTIN. The case will contain a random assortment of Chia Pets. There is no guarantee that the same ratio of child items will be in a case from order to order but the total quantity [Qty of Next Level Item(s)] of items in the case will remain the same		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Optional	VV/50	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

Code list COLLATERAL_ITEM GIFT_WITH_PURCHASE PURCHASE_WITH_PURCHASE DYNAMIC_ASSORTMENT Note: If deleting a publication for a GTIN, you will need to wait 25 hours from the time the publication delete is processed in IM before modifying this attribute. If you have any questions about the Publication Delete process, please contact 1SYNC Customer Support.	

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
specialItemCode

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Special Item Code	specialItemCode	specialItemCode

Attribute Name			Definition		
Packaging Type			The code identifying the type of package used as a container of the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	AN/3	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Packaging Type valid values		
Additional Comments			**Business Case**		
Becomes required if any of the following attributes is populated: "Packaging Weight" "Packaging Function" "Usable Product Volume" "Is Packaging Exempt from Refuse Obligation?" In the GDSN CIN message, the Packaging Type Description is system-generated by 1SYNC when the Packaging Type code is provided.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingType/code

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Type	packagingTypeCode, packagingTypeDescription	packagingTypeCode, packagingTypeDescription

Participant Dictionary

Attribute Name			Definition		
Packaging Weight			Used to identify the measurement of the packaging weight of the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Optional	N/38,15	0 or more	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingWeight

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Weight	packagingWeight	packagingWeight

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Attribute Name			Definition		
Packaging Weight UOM			Unit of measure for the "Packaging Weight" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	VV/3	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: If the "Packaging Weight" attribute is populated, this attribute becomes required.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingWeight/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Weight UOM	N/A*	packagingWeight unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Is Packaging Exempt From Refuse Obligation?			Indicates whether the packaging of this item is exempt from refuse (disposal) obligations.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	VV/60	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-Binary Logic Codes valid values		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingType/isPackagingExemptFromRefuseObligation

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Packaging Exempt From Refuse Obligation?	isPackagingExemptFromRefuseObligation	isPackagingExemptFromRefuseObligation

Attribute Name			Definition		
Packaging Function			A code that is used to identify specific functionality for packaging resulting from specific processes or features present in the packaging.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	VV/35	0 or More	No
Examples			**Reference**		
"COATED", "GIFT_WRAPPED"			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values		
Additional Comments			**Business Case**		
If Packaging Function is populated then Packaging Type must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingType/packagingFunction

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Function	packagingFunction	packagingFunction

Attribute Name			Definition		
Usable Product Volume			The space occupied by the usable portion of a product (as it is packaged) as measured by cubic units. Should represent the smallest volume (rectangular solid, cylinder, sphere, or triangular solid) the product will fit into.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	N/15,15	0 or more	No
Examples			**Reference**		
Additional Comments			**Business Case**		
If Usable Product Volume is populated, then Usable Product Volume UOM must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingType/usableProductVolume

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Usable Product Volume	packagingUsableProductVolume	usableProductVolume

Attribute Name			Definition		
Usable Product Volume UOM			The unit of measurement associated with the usable product volume.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	VV/3	0 or More	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values		
Additional Comments			**Business Case**		
If Usable Product Volume UOM is populated, then Usable Product Volume must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingType/usableProductVolume/UOM

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Usable Product Volume UOM	N/A*	usableProductVolume unitOfMeasure

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Shipping Container Contents Description			The quantity of the contents of the shipping container as described on the outside of the shipping container.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	AN/200	0 or More	Yes
Examples			**Reference**		
"100 half ounce envelopes"					
Additional Comments			**Business Case**		
If Shipping Container Contents Description is populated then Packaging Type must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingType/shippingContainerQuantityDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Shipping Container Contents Description	shippingContainerQuantityDescription	shippingContainerQuantityDescription

Attribute Name			Definition		
Is Packaging Suitable for Air Shipment?			Determines whether or not the packaging is suitable for air shipment for passenger or cargo for example has it been air pressure tested.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	VV/60	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-Binary Logic Codes valid values.		
Additional Comments			**Business Case**		
If Is Packaging Suitable for Air Shipment is populated, then Usable Product Volume UOM must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingType/isPackagingSuitableForAirShipment

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Packaging Suitable for Air Shipment?	isPackagingSuitableForAirShipment	isPackagingSuitableForAirShipment

Attribute Name			Definition		
Global Item Classification Code (GPC Code)			Unique 8-digit code which identifies the global EAN.UCC classification attribute. (GPC Code)		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Mandatory	AN/8	1	No
Examples			**Reference**		
			The complete list of GPC Codes is available on the Implementation tab of the 1SYNC Solution Center. For additional information on using GPC codes (including how to get started with product classification and how to find allowable brick and attribute values), please refer to the GPC website at http://www.gs1.org/gdsn/gpc .		
Additional Comments			**Business Case**		
Notes: • A description of the code will be populated by IM. • Prior to the release of IM R6.2, the GPC Code was populated using two attributes named Alternate Item Classification Scheme and Alternate Item Classification Code. Also note that this attribute may be subject to 1SYNC Brand Identity validations.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
globalClassificationCategory/code

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Global Classification Code	classificationCategoryCode	classificationCategoryCode

Participant Dictionary

Attribute Name			Definition		
Num of Complete Layers Cont in Item/GTIN Pallet Hi			Indicates the number of layers in a pallet. Also known as "Pallet Hi."		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Optional	I/10	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
If Composition Width, Composition Depth, and Num of Complete Layers Cont in Item/GTIN Pallet Hi (hi) are all supplied, the product of the three attributes must equal the Qty of Next Level Item(s) (formerly "Pack") It is recommended you populate this attribute if "Product Type" is PL (Pallet). Valid values: 0-9999999999 Note: For Target Market = Netherlands, the valid values for this attribute are limited to integers between 0 and 999.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
hi

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Num of Complete Layers Cont in Item/GTIN Pallet Hi	quantityOfCompleteLayersContainedInATradeItem	quantityOfCompleteLayersContainedInATradeItem

Attribute Name			Definition		
Num of Items in a Complete Layer/GTIN Pallet Ti			Indicates the number of cases in a layer. Also known as "Pallet Ti."		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Optional	I/10	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
It is recommended you populate this attribute if "Product Type" is PL (Pallet). Valid values 0-9999999999					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
ti

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Num of Items in a Complete Layer/GTIN Pallet Ti	quantityOfTradeItemsContainedIn ACompleteLayer	quantityOfTradeItemsContainedIn ACompleteLayer

Attribute Name			Definition		
Composition Depth			The number of child items that are packaged from front to back in a trade unit. This information is used in the space process, especially when allocating whole Trade Units (intermediate) into the shelf.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	N/15,15	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
If Composition Width, Composition Depth, and Num of Complete Layers Cont in Item/GTIN Pallet Hi (hi) are all supplied, the product of the three attributes must equal the Qty of Next Level Item(s) (formerly "Pack") If Composition Depth UOM is populated then Composition Depth must be populated. Please note that this attribute should be populated as an integer with no decimal components.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemCompositionDepth

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Composition Depth	tradeItemCompositionDepth	tradeItemCompositionDepth measurementValue value

Attribute Name			Definition		
Composition Depth UOM			Unit of measure associated with Trade Item Composition Depth.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center Unit Composition UOM Codes valid values.		
Additional Comments			**Business Case**		
If Composition Depth UOM is populated then Composition Depth must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemCompositionDepth/uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Composition Depth UOM	N/A*	tradeItemCompositionDepth measurementValue unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Composition Width			The number of child items that are packaged beside each other in a trade unit (on the side facing the consumer). This information is used in the space process, especially when allocating whole Trade Units (intermediate) into the shelf. The measurement from left to right of the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	N/15,15	0 or more	No
Examples			**Reference**		
"10 Units"			Measurements are relative to how the customer normally views the trade item. Orientation guidelines to be determined by PTRG within CR 02-000102. Needs to be associated with a valid UOM.		
Additional Comments			**Business Case**		
If Composition Width, Composition Depth, and Num of Complete Layers Cont in Item/GTIN Pallet Hi (hi) are all supplied, the product of the three attributes must equal the Qty of Next Level Item(s) (formerly "Pack") If Composition Width UOM is populated then Composition Width must be populated. Please note that this attribute should be populated as an integer with no decimal components.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemCompositionWidth

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Composition Width	tradeItemCompositionWidth	tradeItemCompositionWidth

Attribute Name			Definition		
Composition Width UOM			Unit of measure for Composition Width		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Global	Dependent	VV/60	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Trade Item Composition Width UOM valid values.		
Additional Comments			**Business Case**		
If Composition Width UOM is populated then Composition Width must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemCompositionWidth/uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Composition Width UOM	N/A*	tradeItemCompositionWidth unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Manufacturer GLN			GLN identifying the manufacturer of a trade item. May or may not be the brand owner, could be a contract manufacturer. GLN identifying manufacturer of a trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	I/13	0 or more	No
Examples			**Reference**		
Brand owner A uses contract manufacturers B to produce trade item D. This field would provide a GLN for manufacturers B.					
Additional Comments			**Business Case**		
Must be 13-digit number. If Manufacturing Plant Identification GLN is provided, then Manufacturer GLN is required.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
manufacturer/gln

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Manufacturer GLN	manufacturer	manufacturer

Participant Dictionary

Attribute Name			Definition		
Manufacturer Name			Name of the party who manufacturers the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	AN/128	0 or more	No
Examples			**Reference**		
Additional Comments			**Business Case**		
If not provided, Manufacturer Name will default as a result of the Manufacturer 13-digit GLN attribute stored in the IM User Management Application (UMA).			May or may not be the brand owner. This is not the name of a party that assembles trade item. It is an optional field, manually maintained, that can identify the company that manufactures the product.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
manufacturer/name (Data Recipient 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Manufacturer Name	nameOfManufacturer	nameOfManufacturer

Attribute Name			Definition		
Manufacturing Plant Identification GLN			The Global Location Number identifying the industrial department of a company in which goods are manufactured with appropriate equipment and fittings.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Dependent	I/13	0 or more	No
Examples			**Reference**		
Additional Comments			**Business Case**		
If Manufacturing Plant Identification GLN is provided, then Manufacturer GLN is required.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Manufacturer/manufacturingPlantIdentificationGLN

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Manufacturing Plant Identification GLN	Manufacturer_ Party. Manufacturing Plant. Party Identification	manufacturingPlantIdentification/ GLN

Attribute Name			Definition		
Is Barcode Symbology Derivable			This field represents whether the barcode symbology on the trade item can be derived from the GTIN.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
The use of this attribute will be used primarily for the beverage industry hi-cone items and fresh foods. Part of loopable eanuccCode group					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
eanuccCode/isBarcodeSymbologyDerivable

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Barcode Symbology Derivable	isBarCodeDerivable	isBarCodeDerivable

Attribute Name			Definition		
EANUCC Code			The EANUCC Code or number required based on the Product Type. Its character length depends on EANUCC Type chosen (i.e., EAN-13, UPC-A).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Dependent	I/18	1	No
Examples			**Reference**		
UCC-12, I.e. 00000000000C; EAN/UCC 14, I.e 0000000000000C					
Additional Comments			**Business Case**		
EANUCC Code/Type is optional but is required by US Retailers when GTIN is either consumable or orderable. Mandatory if EANUCC Type is populated. Part of loopable eanuccCode group					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
eanuccCode/code

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
EANUCC Code	eanuccCode	eanuccCode

Attribute Name			Definition		
EANUCC Type			The GS1 data structure to describe the EANUCC Code, such as UPC A, EAN 13, EAN 14, etc.		

Global/TM	IM GUI Tab	M/O/D	Type/Size	Occurrence	Lang Specific
TM	General	Dependent	VV/3	1	No
Examples			**Reference**		
UK (14-digit shipping container code), UP (12-digit consumer package code)			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for EANUCC Type valid values.		
Additional Comments			**Business Case**		
EANUCC Code/Type is optional but is required by US Retailers when GTIN is either consumable or orderable. Mandatory if EANUCC Code is populated. Part of loopable eanuccCode group					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
eanuccCode/type

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
EANUCC Type	eanuccType	eanuccType

Attribute Name			Definition		
Barcode Type			The type of bar code or codes, which are visible on a trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	VV/60	0 or more	No
Examples			**Reference**		
RSS Expanded Stacked			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Multiple values allowed. If isConsumerUnit = true and barCodeType = EAN_UCC_8_SYMBOL then the first six digits of the trade item's GTIN must be zero (000000) If isTradeItemAConsumerUnit = true and barCodeType = EAN_UCC_13_SYMBOL or UPC_A_SYMBOL or UPC_E_SYMBOL the first digit of the trade item's GTIN must be zero (0)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
barCodeType

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Barcode Type	barCodeType	barCodeType

Attribute Name			Definition		
Is Bar Code On Packaging Variable Measure Bar Code?			An indicator identifying if the bar code that is printed on the trade item package is a variable measure bar code.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Yes/No (GUI) true/false (Batch)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isBarCodeOnPkgVariableMeasureBarCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Bar Code On Packaging Variable Measure Bar Code?	isBarCodeOnPackageVariableMeasureBarCode	isBarCodeOnPackageVariableMeasureBarCode

Attribute Name			Definition		
Is Private			The indicator to qualify whether master data is publicly available to any inquirer or is restricted to a specific private user.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	Boolean	1	No
Examples			**Reference**		
For example, this attribute is used at some data pools such as UDEX to manage visibility of item data to the retailers. In the GDSN CIN this is an implied attribute when the GDSN CIN is created where the GLN of the data recipient is present (from 1SYNC's Item Publication message).					
Additional Comments			**Business Case**		
Yes/No (GUI) true/false (Batch)			Trade item hierarchy level impact - if GTIN is marked Is Private = 'Yes/true', all levels of the hierarchy are private. Lower trade item hierarchy levels can still be public.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isPrivate

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Is Private	IsTradeItemInformationPrivate	Implied

Attribute Name			Definition		
Primary Delivery Method			This attribute provides information regarding the delivery process an item takes through the supply chain.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	VV/2	1	No
Examples			**Reference**		
			See 1SYNC Price & Promotion Management Implementations - Appendix R.		
Additional Comments			**Business Case**		
Valid options are: Warehouse (ZA), DSD (ZB), Warehouse & DSD (ZC) and Drop Ship (ZD). See Appendix R for additional information.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
PrimaryDeliveryMethod

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Primary Delivery Method	primaryDistributionMethodCode	primaryDistributionMethodCode

Participant Dictionary

Attribute Name			Definition		
Dispatch Unit Indicator			An indicator identifying that the information provider considers the trade item as a dispatch (shipping) unit. This may be Trading Partner dependent based on channel of trade or other point to point agreement.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
This attribute is Mandatory in the GDSN CIN (Item Sync) message. In the GDSN CIN, if Dispatch Unit Indicator is set to Yes/true, then Gross Weight becomes required. Yes/No (GUI) true/false (Batch). Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.			Boolean Y/N. There can be more than one logistic unit in one hierarchy.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isDispatchUnit

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dispatch Unit Indicator	isTradeItemADespatchUnit	isTradeItemADespatchUnit

Attribute Name			Definition		
Dangerous Goods Indicator			Indication, whether the trade item and/or at least one of its packaging components because of its properties - according to the respective national or international legislation for transport by road, rail, river, sea or air (e.g. the European dangerous goods agreements (ADR/RID) for transport by road and rail) - must be classified as dangerous goods, and thus is subject to the respective regulations.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Yes/No (GUI) true/false (Batch)			Boolean Y/N. Hazardous attributes relate to supply chain handling (e.g., transport, storage, handling).		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousGoodsIndicator

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dangerous Goods Indicator	dangerousGoodsIndicator	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Ordering Unit Indicator			An indicator identifying that the information provider considers this trade item to be at a hierarchy level where they will accept orders from customers. This may be different from what the information provider identifies as a despatch unit. This may be relationship dependent based on channel of trade or other point to point agreement. This is y/n (Boolean) where y indicates the trade item is an ordering unit.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Mandatory	Boolean	1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Yes/No (GUI) true/false (Batch) Note: In the GDSN CIN, a hierarchy must include at least one GTIN where Ordering Unit Indicator = Yes/true Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.			Boolean Y/N. There can be more than one ordering unit in one hierarchy.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isOrderableUnit

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Ordering Unit Indicator	isTradeItemAnOrderableUnit	isTradeItemAnOrderableUnit

Attribute Name			Definition		
Invoice Unit Indicator			An indicator identifying that the information provider will include this trade item on their billing or invoice. This may be Trading Partner dependent based on channel of trade or other point to point agreement. This is y/n (Boolean) where y indicates the trade item is an invoicing unit.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Yes/No (GUI) true/false (Batch)					
Additional Comments			**Business Case**		
This attribute is Mandatory in the GDSN CIN (Item Sync) message. Note: This attribute must be marked as 'Yes/true' for at least one level of an item hierarchy Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.			Boolean Y/N. There can be more than one invoicing unit in one hierarchy.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isInvoiceUnit

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Invoice Unit Indicator	isTradeItemAnInvoiceUnit	IsTradeItemAnInvoiceUnit

Attribute Name			Definition		
Customs Classification Code			All goods which are imported into or exported from any country must be classified for Customs purposes. Each separate product is assigned a particular classification code. Each code is made up of a series of digits, and the code normally required for Customs declarations will have ten digits. For the U.S. consult the Harmonized Tariff Schedule.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	AN/13	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
customsClassificationCode (Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Customs Classification Code	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Coupon Family Code			This code is printed in bar code form on manufacturer coupons. The code is associated with a single base consumer unit or a "family" of consumer units. It is scanned on retailer POS systems to facilitate credit for valid consumer purchases.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	I/3,3	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
This field will not allow the use of special characters. This should be a 3-digit code.			It only applies to the consumer unit.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
couponFamilyCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Coupon Family Code	couponFamilyCode	couponFamilyCode

Attribute Name			Definition		
Replaces GTIN			Indicates the GTIN of an item that is being permanently replaced by this trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	I/14	0 or 1	No
Examples			**Reference**		
"01234567890128"					
Additional Comments			**Business Case**		
Note: For trade items where the Target Market = Netherlands, GTIN numbers starting with 0020-0029, 0040-0049, and 0200-0299 are not allowed.			The trade item identification that is being permanently replaced must already be in the home data pool in order to ensure data integrity. The old trade item identification specified in this field should be discontinued.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
replacedItemGTIN

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Replaces GTIN	replacedTradeItemIdentification	replacedTradeItemIdentification

Attribute Name			Definition		
Replaced by GTIN			Indicates the GTIN of an item that will replace this trade item. If there is no value in this attribute, then the product is current and is not being replaced by another product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	I/14	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
replacementItemGTIN (Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Replaced by GTIN	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Item Variant Master			Another trade item of which this trade item is a variant. Used when the trade item is a variant of a previously specified trade item for example a new flavour of an existing soft drink.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Description Information	Optional	AN/14	0 or 1	No
Examples			**Reference**		
"01234567890128"					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
itemVariantMaster

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Item Variant Master	itemVariantMaster	itemVariantMaster

Attribute Name			Definition		
Party Receiving Private Data			One or more GLNs indicating the parties who are allowed access to information by the data owner.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	AN/13	0 or more	No
Examples			**Reference**		
See *Data Source 1SYNC XML Guide* for 1SYNC XML example					
Additional Comments			**Business Case**		
Note: This is an information-only value. The Supplier or Information Provider must explicitly publish the data to the specified recipient GLN in order for synchronization to occur. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
partyReceivingPrivateDataGLN

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Party Receiving Private Data	partyReceivingPrivateData	partyReceivingPrivateData

Attribute Name			Definition		
Alternate Item Classification Scheme (e.g. UDEX Scheme/Code)			1SYNC Item Management will support multiple product classification schemes. This field indicates which scheme(s) are populated for the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	VV/100	0 or More	No
Examples			**Reference**		
UDEX, IFLS5			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Notes: • For "Alternate Item Classification Code" this page now represents how to populate UDEX AND OTHER CLASSIFICATION CODES • Prior to the release of IM R6.2, the UDEX Code was populated using two attributes named Global (UDEX) Item Classification Scheme and Global (UDEX) Item Classification Code					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
alternateClassification/scheme

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Alternate Item Classification Scheme	additionalClassificationAgencyName	additionalClassificationAgencyName

Attribute Name			Definition		
Alternate Item Classification Code (e.g. UDEX Scheme/Code)			Indicates the code to classify the trade item within the specified classification scheme(s).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	AN/40	0 or More	No
Examples			**Reference**		
			The complete list of UDEX Codes is available on the 1SYNC Solution Center.		
Additional Comments			**Business Case**		
Becomes required for each "Item Classification Scheme" that is populated. Notes: • When a description of the code is available, it will be populated by IM. • Note: Prior to the release of IM R6.2, the UDEX Code was populated using two attributes named Global (UDEX) Item Classification Scheme and Global (UDEX) Item Classification Code					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
alternateClassification/code

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Alternate Item Classification Code	additionalClassificationCategoryCode	additionalClassificationCategoryCode

Attribute Name			Definition		
Alternate Item Identification Maintenance Agency			1SYNC Item Management allows an alternate maintenance agency (for example for an internal manufacturing number).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Dependent	VV/3	0 or More	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Becomes required if "Alternate Item Number" is populated. Alternate Item Identification Maintenance value (SUPPLIER_ASSIGNED, DISTRIBUTOR_ASSIGNED) may not have the same value on more than one Trade Item in the same item hierarchy when isOrderableUnit = True.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
alternateItemIdentification/agency

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Alternate Item Identification Maintenance Agency	alternateTradeItemIdentificationList	additionalTradeItemIdentificationType

*Please note: This attribute is sent as an attribute of additionalTradeItemIdentification. This attribute will not have a separate element in the CIN.

Attribute Name			Definition		
Alternate Item Number			An alternate item number is allowed, but not required.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Dependent	AN/80	0 or More	No
Examples			**Reference**		
"000000000198" (CF000198)					
Additional Comments			**Business Case**		
Becomes required if "Alternate Item Identification Maintenance Agency" is populated.			It is not to be used to group trade item or define trade item variants.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
alternateItemIdentification/id

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Alternate Item Number	alternateTradeItemIdentification	additionalTradeItemIdentification Value

Participant Dictionary

Attribute Name			Definition		
TM Subdivision			Describes the "geo-political subdivision of a country" where the trade item is available for sale, as determined by the information provider. For example, "State" in the US, "Land" in Germany or "Region" in France.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	AN/7	0 or More	No
Examples			**Reference**		
See *Data Source 1SYNC XML Guide* for 1SYNC XML example					
Additional Comments			**Business Case**		
Please note that this attribute does NOT serve as an additional key for the publication and subscription process.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
targetMarketSubdivisionCode

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
TM Subdivision	targetMarketSubdivisionCode	targetMarketSubdivisionCode

Attribute Name			Definition		
Country of Origin			The country code (codes) in which the goods have been produced or manufactured, according to criteria established for the purposes of application of the value may or may not be presented on the trade item label.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	VV/2	0 or More	No
Examples			**Reference**		
"CA" = Canada, "US" = United States			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Country Code valid values.		
Additional Comments			**Business Case**		
Note: In the GDSN CIN, 1SYNC IM converts the country code values (as shown in the *1SYNC IM Valid Values* document on the 1SYNC Solution Center) to the three-digit code required in the GDSN CIN. For example, "124" = Canada; "840" United States.			This information is for customs purpose in case of importation or legal requirements regarding customer information for some categories of trade item (e.g. meats and fruits) Information can be repeated if multiple countries are valid. In this case, the buyer will only know the actual country of origin at the time of delivery.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
countryOfOrigin

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Country of Origin	tradeItemCountryOfOrigin	tradeItemCountryOfOrigin

Participant Dictionary

Attribute Name			Definition		
Country of Assembly			Country where product is assembled.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	VV/60	0 or more	No
Examples			**Reference**		
Canada, United States			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Country Code valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemCountryOfAssembly

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Country of Assembly	tradeItemCountryOfAssembly	tradeItemCountryOfAssembly

Attribute Name			Definition		
Variable Trade Item Type			Indicator to show if a product is loose or pre-packed.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	VV/60	0 or 1	No
Examples			**Reference**		
Wheel of Cheese: The weight is about 25 kilograms, but it can be 24 kilogram or 27 kilograms.			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
variableTradeItemType

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Variable Trade Item Type	variableTradeItemType	variableTradeItemType

Attribute Name			Definition		
Material Safety Data Sheet Number			Manufacturer's identification number for the material safety data sheet for a trade item. This is an internal number which is distributed by the manufacturer. Can be in any format.		
Global/TM	**Group**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	AN/20	0 or 1	No
Examples			**Reference**		
"4711", "ag34784", "zruifk"					
Additional Comments			**Business Case**		
			This is an internal number which is distributed by the manufacturer. Can be in any format.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
materialSafetyDataSheetNumber

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Material Safety Data Sheet Number	materialSafetyDataSheetNumber	materialSafetyDataSheetNumber

Attribute Name			Definition		
Brand Distribution Type			Any restrictions imposed on the Trade Item on how it can be sold to the consumer.		
Global/TM	**Group**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	VV/35	0 or 1	No
Examples			**Reference**		
"RESTRICTED_DISTRIBUTION", "UNRESTRICTED_DISTRIBUTION"			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Brand Distribution Type valid values.		
Additional Comments			**Business Case**		
			Indicates whether there are restrictions on the Data Recipient by the Data Source on where, how, or whom the product may be sold.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
brandDistributionType

1SYNC IM GUI Field	BMS 2.7	GDSN CIN
Brand Distribution Type	brandDistributionType	brandDistributionType

Participant Dictionary

Attribute Name			Definition		
Contact Info GLN			The GLN of the organization to contact for more information on this trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	AN/13	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemContactInfo/contactInfoGLN

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Contact Info GLN	partyIdentification/gln	partyIdentification/gln

Participant Dictionary

Attribute Name			Definition		
Additional Party ID Type			Identification of a party by use of a code other than the Global Location Number.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Dependent	VV/70	0 or More	No
Examples			**Reference**		
DUNS, DUNS_PLUS_FOUR			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Additional Party ID Type valid values.		
Additional Comments			**Business Case**		
Becomes required if Additional Party ID Value is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemContactInfo/additionalPartyIdentification/additionalPartyIdentificationType

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Additional Party ID Type	additionalPartyIdentificationType	additionalPartyIdentificationType

Attribute Name			Definition		
Additional Party ID Value			The value associated with the selected Additional Party ID Type.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Dependent	AN/70	0 or More	No
Examples			**Reference**		
DUNS value of "123456789"					
Additional Comments			**Business Case**		
Becomes required if Additional Party ID Type is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemContactInfo/additionalPartyIdentification/additionalPartyIdentificationValue

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Additional Party ID Value	additionalPartyIdentificationValue	additionalPartyIdentificationValue

Attribute Name			Definition		
Contact Type			The general category of the contact party for a trade item; for example, "Purchasing".		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Dependent	VV/35	0 or 1	No
Examples			**Reference**		
"CUSTOMER_SUPPORT", "MANAGEMENT"			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Contact Type valid values.		
Additional Comments			**Business Case**		
Becomes required if any of the following contact information attributes are populated: • Contact Info GLN, • Additional Party Identification • Additional Party ID Type • Additional Party ID Value • Available Time • Channel Code • Channel Number • Communication Channel Target Market • Communication Channel Target Market Subdivision Code					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemContactInfo/contactType

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Contact Type	contactType	contactType

Participant Dictionary

Attribute Name			Definition		
Available Time			The time that a specific contact for a Trade Item is available for contact.		

Global/TM	IM GUI Tab	M/O/D	Type/Size	Occurrence	Lang Specific
TM	General	0ptional	AN/70	0 or 1	Yes

Examples			Reference		
"8AM to 5PM EST M-F"					

Additional Comments			Business Case		
For Foodservice items, the best practice is to leave this field blank if the contact is available 24/7.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemContactInfo/availableTime

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Available Time	availableTime	availableTime

Attribute Name			Definition		
Channel Code			Means used to communicate with another party.		

Global/TM	IM GUI Tab	M/O/D	Type/Size	Occurrence	Lang Specific
TM	General	Dependent	VV/70	0 or More	No

Examples			Reference		
"EMAIL", "TELEFAX"			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Communication Channel Code valid values.		

Additional Comments			Business Case		
Becomes required if Channel Number, Target Market, or Target Market Subdivision Code is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemContactInfo/targetMarketCommunicationChannel/communicationChannel/communication ChannelCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Channel Code	communicationChannel/communi cationChannelCode	communicationChannel/communi cationChannelCode

Participant Dictionary

Attribute Name			Definition		
Channel Number			Number or address assigned to a specific means of communication.		

Global/TM	IM GUI Tab	M/O/D	Type/Size	Occurrence	Lang Specific
TM	General	Dependent	AN/70	0 or More	No

Examples			Reference		
"609-555-1212", "John@Doe.com"					

Additional Comments			Business Case		
Becomes required if Channel Code, Target Market, or Target Market Subdivision Code is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemContactInfo/targetMarketCommunicationChannel/communicationChannel/communicationChannelNumber

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Channel Number	communicationChannel/communicationChannelNumber	communicationChannel/communicationChannelNumber

Attribute Name			Definition		
Communication Channel Target Market			The code that identifies the Target Market for the communication channel of the contact information.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Dependent	VV/3	0 or More	No
Examples			**Reference**		
"CA" = Canada, "US" = United States			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Country Code valid values.		
Additional Comments			**Business Case**		
Becomes required if Communication Channel Target Market Subdivision Code is populated. This attribute should be left blank if the communication channel is not specific to a Target Market. Note: In the GDSN CIN, 1SYNC IM converts the country code values (as shown in the 1SYNC IM Valid Values document on the 1SYNC Solution Center) to the three-digit code required in the GDSN CIN. For example, "124" = Canada; "840" United States.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemContactInfo/targetMarketCommunicationChannel/communicationChannelTargetMarket/communicationChannelTargetMarketCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Communication Channel Target Market	targetMarketCommunicationChannel/targetMarket/TargetMarketCode	targetMarketCommunicationChannel/targetMarket/TargetMarketCode

Attribute Name			Definition		
Communication Channel Target Market Subdivision Code			The code that identifies the sub-division of the Target Market for the communication channel of the contact information.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	AN/7	0 or More	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemContactInfo/targetMarketCommunicationChannel/communicationChannelTargetMarket/communicationChannelTargetMarketSubdivisionCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Communication Channel Target Market Subdivision Code	targetMarketCommunicationChannel/targetMarket/TargetMarketSubdivisionCode	targetMarketCommunicationChannel/targetMarket/TargetMarketSubdivisionCode

Attribute Name			Definition		
Depth			The measurement of the depth of the trade item, as defined in the GS1 Package Measurement Rules (http://www.gs1.org/docs/gsmp/gdsn/GDSN_Package_Measurement_Rules.pdf)		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Conditional	N/38,15	0 or 1	No
Examples			**Reference**		
"5 MM"					
Additional Comments			**Business Case**		
Attribute is optional when an item is an non-consumer unit and a DSD item. Therefore the following conditions must apply on the item: Consumer Unit Indicator is "false" and Primary Delivery Method is "DSD". Otherwise, this attribute is mandatory. Please note that this attribute is always mandatory for GDSN item synchronization. None of the child items' largest measurements is allowed to be larger than 5 times the largest measurement of the item. A Trade item's smallest measurement (any of width, depth or height) cannot be smaller than the child item's smallest measurement (any of width, depth or height) . Note: This attribute may be subject to 1SYNC Brand Identity validations.			Measurements are relative to how the customer normally views the trade item. The following must be determined before measurements are taken: For consumer trade items: determine the Default Front. The Default Front is the side with the product name used to sell the product. If products can be merchandised both vertically and horizontally then the highest side is considered the Default Front. For non-consumer trade items: determine the Natural Base. The Natural Base is the natural underside.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
depth

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Depth	depth	depth

Participant Dictionary

Attribute Name			Definition		
Depth UOM			The unit of measure for the "Depth" field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Length UOM valid values.		
Additional Comments			**Business Case**		
The unit of measure for depth, height, width and diameter must be consistent for each trade item. All items in a hierarchy must be expressed using measurements from the same system Note: This attribute may be subject to 1SYNC Brand Identity validations.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
depth/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Depth UOM	N/A *	depth unitOfMeasure

* Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Height			The measurement of the height of the trade item, as defined in the GS1 Package Measurement Rules (http://www.gs1.org/docs/gsmp/gdsn/GDSN_Package_Measurement_Rules.pdf)		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Conditional	N/38,15	0 or 1	No
Examples			**Reference**		
"60 CM"					
Additional Comments			**Business Case**		
Attribute is optional when an item is an non-consumer unit and a DSD item. Therefore the following conditions must apply on the item: Consumer Unit Indicator is "false" and Primary Delivery Method is "DSD". Otherwise, this attribute is mandatory. Please note that this attribute is always mandatory for GDSN item synchronization. A Trade item's smallest measurement (any of width, depth or height) cannot be smaller than the child item's smallest measurement (any of width, depth or height) . None of the child items' largest measurements is allowed to be larger than 5 times the largest measurement of the item. Note: This attribute may be subject to 1SYNC Brand Identity validations.			Measurements are relative to how the customer normally views the trade item. The following must be determined before measurements are taken: For consumer trade items: determine the Default Front. The Default Front is the side with the product name used to sell the product. If products can be merchandised both vertically and horizontally then the highest side is considered the Default Front. For non-consumer trade items: determine the Natural Base. The Natural Base is the natural underside.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
height

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Height	height	height

Attribute Name			Definition		
Height UOM			The unit of measure used for the "Height" field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Length UOM valid values.		
Additional Comments			**Business Case**		
Becomes required if the "Height" field is populated. The unit of measure for depth, height, width and diameter must be consistent for each trade item. All items in a hierarchy must be expressed using measurements from the same system Note: This attribute may be subject to 1SYNC Brand Identity validations.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
height/uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Height UOM	N/A*	height unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the   attribute.

Attribute Name			Definition		
Width			The measurement of the width of the trade item, as defined in the GS1 Package Measurement Rules (http://www.gs1.org/docs/gsmp/gdsn/GDSN_Package_Measurement_Rules.pdf)		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Conditional	N/38,15	0 or 1	No
Examples			**Reference**		
"10 IN"					
Additional Comments			**Business Case**		
Attribute is optional when an item is an non-consumer unit and a DSD item. Therefore the following conditions must apply on the item: Consumer Unit Indicator is "false" and Primary Delivery Method is "DSD". Otherwise, this attribute is mandatory. Please note that this attribute is always mandatory for GDSN item synchronization. None of the child items' largest measurements is allowed to be larger than 5 times the largest measurement of the item. A Trade item's smallest measurement (any of width, depth or height) cannot be smaller than the child item's smallest measurement (any of width, depth or height) . Note: This attribute may be subject to 1SYNC Brand Identity validations.			Measurements are relative to how the customer normally views the trade item. The following must be determined before measurements are taken: For consumer trade items: Determine the Default Front. The Default Front is the side with the product name used to sell the product. If products can be merchandised both vertically and horizontally then the highest side is considered the Default Front. For non-consumer trade items: Determine the Natural Base. The Natural Base is the natural underside.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
width

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Width	width	width

Attribute Name			Definition		
Width UOM			The unit of measure used for the "Width" field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Length UOM valid values.		
Additional Comments			**Business Case**		
Becomes required if the "Width" field is populated. The unit of measure for depth, height, width and diameter must be consistent for each trade item. All items in a hierarchy must be expressed using measurements from the same system Note: This attribute may be subject to 1SYNC Brand Identity validations.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
width/uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Width UOM	N/A*	width unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the   attribute.

Attribute Name			Definition		
Diameter			The measurement of the diameter of the trade item at its largest point.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
165 "MM", value - MM, diameter					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
diameter

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Diameter	diameter	diameter

Attribute Name			Definition		
Diameter UOM			The unit of measure for the "Diameter" field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Length UOM valid values.		
Additional Comments			**Business Case**		
Becomes required if the "Diameter" field is populated. The unit of measure for diameter must be consistent with the unit of measure for depth, height and width for a trade item.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
diameter/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Diameter UOM	N/A*	diameter unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the   attribute.

Attribute Name			Definition		
Volume			The measurement of the volume of the package. Volume = height * width * depth.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Previous to Release 6.2 Volume was dependent due to the following validation: if Ordering Unit Indicator = True, Volume is required.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
volume

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Volume	inBoxCubeDimensions	inBoxCubeDimensions

Attribute Name			Definition		
Volume UOM			The unit of measure for the volume of the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	VV/5	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Becomes required if the "Volume" field is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
volume/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Volume UOM	N/A*	N/A**

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

** Also note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Gross Weight			Used to identify the gross weight of the trade item. The gross weight includes all packaging materials of the trade item. At pallet level the trade Gross Weight includes the weight of the pallet itself.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	N/38,15	0 or 1	No
Examples			**Reference**		
"200 GR", value - total pounds, total grams, etc.					
Additional Comments			**Business Case**		
Becomes required if the "isTradeItemAService" is "No/False." Value in grossWeight must be greater than or equal to value in netContent if this is given as weight. If specialItemCode does not equal DYNAMIC_ASSORTMENT, then the grossWeight of the GTIN MUST BE greater than 96% of the sum of that GTIN's packagingWeight plus the sum of the grossWeight of all next lower-level child items (whether or not packagingWeight is populated in the child items). The formula is: [Parent GTIN Gross Weight] > 96% * (<u>(sum of [Parent GTIN Packaging Weight])</u> + ([Parent GTIN Qty of Next Lower Level] * [Child GTIN Gross Weight])) Note: This attribute may be subject to 1SYNC Brand Identity validations.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
grossWeight

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Gross Weight	grossWeight	grossWeight

Attribute Name			Definition		
Gross Weight UOM			The unit of measure for the "Gross Weight" field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Weight UOM valid values.		
Additional Comments			**Business Case**		
Becomes required if the "Gross Weight" field is populated. Unit of measure for Gross Weight, Net Weight, and Drained Weight must be consistent for each trade item. All items in a hierarchy must be expressed using measurements from the same system Note: This attribute may be subject to 1SYNC Brand Identity validations.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
grossWeight/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Gross Weight UOM	N/A*	grossWeight unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the   attribute.

Participant Dictionary

Attribute Name			Definition		
Net Weight			Used to identify the net weight of the trade item. Net Weight excludes all packaging material, and also excludes the packaging material for all lower-level GTINs.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
"11.5 KG" value - pounds, grams, etc.					
Additional Comments			**Business Case**		
Note: This attribute may be subject to 1SYNC Brand Identity validations.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
netWeight

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Net Weight	netWeight	netWeight

Attribute Name			Definition		
Net Weight UOM			Unit of measure for the "Net Weight" field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Weight UOM valid values.		
Additional Comments			**Business Case**		
Unit of measure for Gross Weight, Net Weight, and Drained Weight must be consistent for each trade item. Becomes required if "Net Weight" attribute is populated. All items in a hierarchy must be expressed using measurements from the same system Note: This attribute may be subject to 1SYNC Brand Identity validations.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
netWeight/uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Net Weight UOM	N/A*	netWeight unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the   attribute.

Participant Dictionary

Attribute Name			Definition		
Drained Weight			The measurement of the weight of the product when drained of its liquid content.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
225 "GR", Jar of pickles in vinegar. Value, ounces, pounds, etc.					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
drainedWeight

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Drained Weight	drainedWeight	drainedWeight

Attribute Name			Definition		
Drained Weight UOM			The unit of measure for the "Drained Weight" field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Weight UOM valid values.		
Additional Comments			**Business Case**		
Becomes required if the "Drained Weight" field is populated. Unit of measure for Gross Weight, Net Weight, and Drained Weight must be consistent for each trade item. All items in a hierarchy must be expressed using measurements from the same system					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
drainedWeight/uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Drained Weight UOM	N/A*	drainedWeight unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the   attribute.

Attribute Name			Definition		
Peg Hole Number			Used to indicate the peg hole numbers when more than one hole is present in the product or packaging. Peg holes should be numbered from the upper left corner of the front of the package to the bottom right corner. The peg holes should be identified from left to right, top to bottom with left to right having precedence. The number of peg holes and their measurements must be determined following the orientation of the product. Product orientation is based upon the GDSN Package Measurement Rules. Required if the trade item is displayed on a peg board.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	I/4	0 or more	No
Examples			**Reference**		
1			Link to GDSN Package Measurement Rules http://www.gs1.org/services/gsmp/kc/gdsn/index.html		
Additional Comments			**Business Case**		
The following are dependent attributes – if one is populated, then all must be populated: • Peg Horizontal • Peg Horizontal UOM • Peg Vertical • Peg Vertical UOM • Peg Hole Number			Required if the item has a peg hole. Multiple peg holes are allowed per product.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
pegHoleNumber

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Peg Hole Number	pegHoleNumber	pegHoleNumber

Attribute Name			Definition		
Peg Horizontal			Used to indicate the horizontal distance from the edge of the trade item to the center of the hole into which the peg is inserted when the product is displayed on a pegboard.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	N/38,15	0 or more	No
Examples			**Reference**		
"2 IN"					
Additional Comments			**Business Case**		
The following are dependent attributes – if one is populated, then all must be populated: • Peg Horizontal • Peg Horizontal UOM • Peg Vertical • Peg Vertical UOM • Peg Hole Number			Required if the trade item is displayed on a peg board.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
pegHorizontal

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Peg Horizontal	pegHorizontal	pegHorizontal

Attribute Name			Definition		
Peg Horizontal UOM			The unit of measure for the "Peg Horizontal" data element.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	VV/2	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Standard Linear UOM valid values.		
Additional Comments			**Business Case**		
The following are dependent attributes – if one is populated, then all must be populated: • Peg Horizontal • Peg Horizontal UOM • Peg Vertical • Peg Vertical UOM • Peg Hole Number Unit of measure for "Peg Horizontal" and "Peg Vertical" should be consistent for each trade item.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
pegHorizontal/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Peg Horizontal UOM	N/A*	pegHorizontal unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the   attribute.

Attribute Name			Definition		
Peg Vertical			Used to indicate the vertical distance from the edge of the trade item to the center of the hole into which the peg is inserted when the trade item is displayed on a pegboard. The hole into which the peg is inserted when the trade item is displayed on a pegboard.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	N/38,15	0 or more	No
Examples			**Reference**		
"2 IN"					
Additional Comments			**Business Case**		
The following are dependent attributes – if one is populated, then all must be populated: • Peg Horizontal • Peg Horizontal UOM • Peg Vertical • Peg Vertical UOM • Peg Hole Number			Required if the trade item is displayed on a peg board.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
pegVertical

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Peg Vertical	pegVertical	pegVertical

Participant Dictionary

Attribute Name			Definition		
Peg Vertical UOM			The unit of measure for the "Peg Vertical" data element.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	VV/2	0 or more	No
Additional Comments			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Standard Linear UOM valid values.		
Additional Comments			**Business Case**		
The following are dependent attributes – if one is populated, then all must be populated: • Peg Horizontal • Peg Horizontal UOM • Peg Vertical • Peg Vertical UOM • Peg Hole Number Unit of measure for "Peg Horizontal" and "Peg Vertical" should be consistent for each trade item.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
pegVertical/uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Peg Vertical UOM	N/A*	pegVertical unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Peg Hole Type			The type and shape of the peg hole used for the packaging.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	AN/35	0 or More	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If Peg Hole Type is provided, then Peg Hole Number, Peg Horizontal, Peg Horizontal UOM, Peg Vertical, and Peg Vertical UOM are required					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
pegMeasurements/pegHoleType

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Peg Hole Type	pegHoleType	pegHoleType

Participant Dictionary

Attribute Name			Definition		
Product Strength			Used to define the strength of each ingredient in a trade item or unit volume of the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	N/38,15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Becomes required if "Product Strength Basis" attribute is populated. Note: In the GDSN CIN message, if the value exceeds 18 digits then the attribute will be skipped and the item will be synchronized without the attribute.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productStrength

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Product Strength	ingredientStrength	ingredientStrength

Attribute Name			Definition		
Product Strength UOM			The unit of measure for the strength of the product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for UOM valid values.		
Additional Comments			**Business Case**		
Becomes required if the "Product Strength" attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productStrength/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Product Strength UOM	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Product Strength Basis			The basis for the strength of the product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	N/38,15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Becomes required if the "Product Strength" attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productStrengthBasis

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Product Strength Basis	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Product Strength Basis UOM			The unit of measure for the basis used for the strength of the product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for UOM valid values.		
Additional Comments			**Business Case**		
Becomes required if the "Product Strength" attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productStrengthBasis/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Product Strength Basis UOM	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Generic Ingredient			Used to describe a generic ingredient within the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Optional	AN/35	0 or 1	No
Examples			**Reference**		
"Paracetamol", "Codeine", "DEET", "Ammonia"					
Additional Comments			**Business Case**		
If Generic Ingredient attribute is populated, then Generic Ingredient Strength attribute must also be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
genericIngredient

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Generic Ingredient	genericIngredient	genericIngredient

Participant Dictionary

Attribute Name			Definition		
Generic Ingredient Strength			Used to define the strength of a generic ingredient in a trade item or unit volume of the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Optional	N/15,15	0 or more	No
Examples			**Reference**		
Additional Comments			**Business Case**		
			Sector specific and local extension. Repeated per generic substance.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
genericIngredientStrength

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Generic Ingredient Strength	genericIngredientStrength	genericIngredientStrength

Participant Dictionary

Attribute Name			Definition		
Generic Ingredient Strength UOM			The unit of measure for the "Generic Ingredient Strength" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Dependent	VV/60	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Becomes required if "Generic Ingredient Strength" attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
genericIngredientStrength/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Generic Ingredient Strength UOM	N/A*	genericIngredientStrength unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Start Availability Date			The date (CCYY-MM-DDTHH:MM:SS) from which the trade item becomes available from the supplier, including seasonal or temporary trade items and services.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Mandatory	Date	1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
startAvailabilityDate

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Start Availability Date	startAvailabilityDateTime	startAvailabilityDateTime

Attribute Name			Definition		
End Availability Date			The date from which the trade item is no longer available from the information provider, including seasonal or temporary trade item and services.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
endAvailabilityDate

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
End Availability Date	endAvailabilityDateTime	endAvailabilityDateTime

Participant Dictionary

Attribute Name			Definition		
First Order Date			Indicates the earliest date that an order can be placed for the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Format = YYYY-MM-DD					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
firstOrderDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
First Order Date	firstOrderDate	firstOrderDate

Participant Dictionary

Attribute Name			Definition		
Last Order Date			Indicates the latest date that an order can be placed for the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Format = YYYY-MM-DD					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
lastOrderDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Last Order Date	lastOrderDate	lastOrderDate

Participant Dictionary

Attribute Name			Definition		
First Ship Date			First date an item can be shipped from a manufacturer's facility.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
firstShipDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
First Ship Date	FirstShipDate	FirstShipDate

Participant Dictionary

Attribute Name			Definition		
Last Ship Date			The date after which the item will not ship.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
lastShipDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Last Ship Date	lastShipDate	lastShipDate

Attribute Name			Definition		
First Arrival Date			The date, as given by the lead-time and the selected date of shipment, that one can expect the item to arrive.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
firstArrivalDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
First Arrival Date	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Last Arrival Date			Indicates the last date that the product can be received by a trading partner. Allows lead-time in the situation where a product is being replaced by a new one (Equivalent to end availability plus lead time).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
lastArrivalDate (Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Last Arrival Date	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
First Delivery Date			The earliest date at which the supplier can deliver the product to the trading partner.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date/Time	0 or 1	No
Examples			**Reference**		
"2002-02-05T17:00:00" February 5th 2002 5:00:00pm					
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
firstDeliveryDateTime

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
First Delivery Date	firstDeliveryDateTime	firstDeliveryDateTime

Attribute Name			Definition		
End Date of Exclusivity			The Date & Time at which a product is no longer exclusive to that trading partner.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date/Time	0 or 1	No
Examples			**Reference**		
"2002-02-05T17:00:00" February 5th 2002 5:00:00pm					
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
endDateTimeOfExclusivity

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
End Date of Exclusivity	endDateTimeOfExclusivity	endDateTimeOfExclusivity

Attribute Name			Definition		
Consumer Availability Date			The first date/time that the buyer is allowed to sell the trade item to consumers. Usually related to a specific geography.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date/Time	0 or 1	No
Examples			**Reference**		
"2002-02-05T17:00:00" February 5th 2002 5:00:00pm					
Additional Comments			**Business Case**		
Time is expressed in the time zone of the target market where the trade item is intended for resale to consumers.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
consumerAvailabilityDateTime

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Consumer Availability Date	consumerAvailabilityDateTime	consumerAvailabilityDateTime

Attribute Name			Definition		
Item Status			This attribute is system generated based on the action submitted.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
-	Dates & Status	Default	N/A – Display Only	0 or 1	-
Examples			**Reference**		
Additional Comments			**Business Case**		
Statuses include: ACTIVE (successfully loaded into 1SYNC Item Management) and INACTIVE (failed 1SYNC Item Management loading process due to compliance or validation issues).					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
N/A

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Item Status	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Effective Date			The date on which the information for "item add" or "item change" is sent to 1SYNC Item Management Production.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Default	Date/Time	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Please note the default logic for this attribute, as described below: If a data source does not populate Effective Date when adding, modifying, or appending an item, 1SYNC defaults this attribute to the current system date. The exception to this rule is when the Effective Date has been previously set to a future date (i.e., a date beyond the current system date). In that scenario, unless the "future" Effective date is updated by the data source, then that previously set future date will remain the Effective Date value (i.e., it will not default to the current system date). In other words, "future" Effective Date values will remain in effect until the next subsequent modification to the item AFTER the future date has lapsed into the past. At that point, the default logic explained above will apply unless the data source chooses to populate a new "future" Effective Date.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
effectiveDate

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Effective Date	effectiveDate	effectiveDate

Participant Dictionary

Attribute Name			Definition		
Last Modified Date			Populated automatically by the system when updates occur to existing records.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
-	Dates & Status	Default	Date/Time	0 or 1	-
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
lastModifiedDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Last Modified Date	lastChangeDateTime	lastChangeDateTime

Participant Dictionary

Attribute Name			Definition		
GDSN Registration Date			The date on which GTIN information was registered at GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: This attribute is updated by the IM application					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
N/A

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
GDSN Registration Date		

Attribute Name			Definition		
GDSN Registry Progress			In order to facilitate and control GDSN registration processing of a GTIN, this attribute stores the progress information regarding GS1 registration.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	N/A – Display Only	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Possible values are 'SUCCESS', 'PENDING', or 'FAILURE'. Note: This attribute is updated by the IM application					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
N/A

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
GDSN Registry Progress		

Participant Dictionary

Attribute Name			Definition		
GDSN Registry Status			The status of a GTIN with reference to the GS1 Global Registry.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	N/A – Display Only	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Possible vaules are 'REGISTERED' or 'IN_PROGRESS'. Note: This attribute is updated by the IM application					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
gdsnRegistryStatus (Data Recipient 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
GDSN Registry Status	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Discontinued Date			Communicates the date on which the trade item is no longer to be manufactured. Allows the reuse of the GTIN after 48 months with the explicit exception of Apparel, being 30 months and the implicit exception for specialty products (e.g., steel beams).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Batch format XML = CCYY-MM-DDTHH:MM:SS.SSS Online format = user's default data format.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
discontinueDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Discontinued Date	discontinuedDate	discontinuedDate

Attribute Name			Definition		
Start Date of Min Buying Qty			The start date for when the minimum buying quantity is available to the trading partner.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date/Time	0 or 1	No
Examples			**Reference**		
"2002-02-05T17:00:00" February 5th 2002 5:00:00pm					
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
startDateMinimumBuyingQuantity

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Start Date of Min Buying Qty	startDateMinimumBuyingQuantity	startDateMinimumBuyingQuantity

Attribute Name			Definition		
End Date of Min Buying Qty			The end date for when the minimum buying quantity is no longer available to the trading partner.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date/Time	0 or 1	No
Examples			**Reference**		
"2002-02-05T17:00:00" February 5th 2002 5:00:00pm					
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
endDateMinimumBuyingQuantity

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
End Date of Min Buying Qty	endDateMinimumBuyingQuantity	endDateMinimumBuyingQuantity

Participant Dictionary

Attribute Name			Definition		
Start Date of Max Buying Qty			The start date and time for when the maximum buying quantity is available to the trading partner.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Dependent	Date/Time	0 or 1	No
Examples			**Reference**		
"2002-02-05T17:00:00" February 5th 2002 5:00:00pm					
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
startDateMaximumBuyingQuantity

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Start Date of Max Buying Qty	startDateMaximumBuyingQuantity	startDateMaximumBuyingQuantity

Participant Dictionary

Attribute Name			Definition		
End Date of Max Buying Qty			The end date for when the maximum buying quantity is no longer available to the trading partner.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Dates & Status	Optional	Date/Time	0 or 1	No
Examples			**Reference**		
"2002-02-05T17:00:00" February 5th 2002 5:00:00pm					
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
endDateMaximumBuyingQuantity

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
End Date of Max Buying Qty	endDateMaximumBuyingQuantity	endDateMaximumBuyingQuantity

Attribute Name			Definition		
Functional Name			Is the "Functional Name" of the trade item. Describes use of the product or service by the consumer. Should help clarify the product classification associated with the GTIN.		

Global/TM	IM GUI Tab	M/O/D	Type/Size	Occurrence	Lang Specific
TM	Product Description	Optional	AN/70	0 or More	Yes

Examples			Reference		
Drill, salad dressing, beer, soup.					

Additional Comments	Business Case
If a value for Functional Name is not provided, this field will be populated by default with the value provided for the attribute 'GTIN Name'. This attribute is Mandatory in the GDSN CIN (Item Sync) message. 1SYNC IM supports 70 characters, the outbound GDSN CIN message supports 35 characters. Truncation will occur on the GDSN CIN message for text over 35. Note: Can be populated in multiple languages.	Usually the Functional Name has a common value for all levels in a product hierarchy. However, a display with different products such a lipstick, eyeshadow and nail polish will not have the same functional name as the each.

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
functionalName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Functional Name	functionalName	functionalName

Attribute Name			Definition		
Product Description			An understandable and useable description of a trade item using brand and other descriptors. This attribute should be populated with as little abbreviation as possible while keeping to a reasonable length.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Product Description	Optional	AN/178	0 or more	Yes
Examples			**Reference**		
GS1 Brand Base Invisible Solid Deodorant AP Stick Spring Breeze; GS1 Brand Laundry Detergent Liquid Compact Regular Instant Stain; GS1 Brand Hair Colour Liquid Light to Medium Blonde					
Additional Comments			**Business Case**		
As a best practice it is recommended that the customer populate this information. **Note: As of IM 6.8 1SYNC will no longer default with a concatenation of the attributes 'Brand Name' + 'Sub Brand' + 'Functional Name' + 'Variant'.** Note: Can be populated in multiple languages.			This should be a meaningful description of the trade item with full spelling to facilitate message processing. Retailers can use this description as the base to fully understand the brand, flavor, scent etc. of the specific GTIN in order to accurately create a product description as needed for their internal systems.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Product Description	tradeItemDescription	tradeItemDescription

Participant Dictionary

Attribute Name			Definition		
Sub Brand			Second level of brand. Can be a trademark. It is the primary differentiating factor that a brand owner wants to communicate to the consumer or buyer.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Product Description	Optional	AN/70	0 or More	Yes
Examples			**Reference**		
Yummy-Cola Classic. In this example Yummy-Cola is the brand and Classic is the Sub Brand.					
Additional Comments			**Business Case**		
Note: Can be populated in multiple languages. For guidance on how to populate this attribute, please refer to the specification at http://www.gs1.org/sites/default/files/docs/gsmp/gdsn/tiig/GDS_TIIG_29_Brand_Description.pdf.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
subBrand

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Sub Brand	subBrand	subBrand

Participant Dictionary

Attribute Name			Definition		
Short Description / POS Desc. 1			A short textual description associated with the product. This description can be used on the cash register receipt. This is the first line of the description.		

Global/TM	IM GUI Tab	M/O/D	Type/Size	Occurrence	Lang Specific
TM	Product Description	Optional	AN/140	0 or More	Yes

Examples	Reference
Kel CrnF750g.	

Additional Comments	Business Case
Used in GDSN CIN instead of GTIN Name. Please note that while this field allows 140 characters, the value will be truncated to 35 characters when sent outbound to data recipients. Note: Can be populated in multiple languages. Note: Prior to the release of IM R6.0, this attribute was named "POS Description 1".	

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
shortDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Short Description / POS Desc. 1	descriptionShort	descriptionShort

Participant Dictionary

Attribute Name			Definition		
Product PLU Description			Description of the Price look-up data element. Description used to identify the product at the point of sale.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Product Description	Optional	AN/20	0 or More	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: Can be populated in multiple languages.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productPLUDescription (Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Product PLU Description	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Variant			Variants are the distinguishing characteristics that differentiate products with the same brand and size.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Product Description	Optional	AN/70	0 or more	Yes
Examples			**Reference**		
Banana, Strawberry, Lemon Scented.					
Additional Comments			**Business Case**		
1SYNC IM supports 70 characters, the outbound GDSN CIN message supports 35 characters. Truncation will occur on the GDSN CIN message for text over 35. Note: Can be populated in multiple languages.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
variants/variant

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Variant	variant	variant

Participant Dictionary

Attribute Name			Definition		
Trade Item Group Code			A code assigned by the supplier or manufacturer to logically group trade item independently from the Global trade item Classification.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Product Description	Optional	AN/20	0 or 1	No
Examples			**Reference**		
Code representing a group of GTINs for all 501 Blue Jeans sizes and colors 123= GTIN1 501 Blue/38 GTIN2 501 Blue/40 GTIN3 501 Black/38 GTIN4 501 Black/40					
Additional Comments			**Business Case**		
If Trade Item Group Description is populated, Trade Item Group Code becomes Mandatory (GDSN CIN).			Manufacturer assigned. This code is typically assigned to multiple GTINs.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
groupCode

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Trade Item Group Code	tradeItemGroupIdentificationCode	tradeItemGroupIdentificationCode

Participant Dictionary

Attribute Name			Definition		
Trade Item Group Description			The description of the Trade Item Group Code provided by the manufacturer or information provider.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Product Description	Optional	AN/48	0 or More	Yes
Examples			**Reference**		
"501 Blue Jeans", represent all sized and colors of this trade item					
Additional Comments			**Business Case**		
If Trade Item Group Code is present, Trade Item Group Description must be present. Note: Description can be populated in multiple languages.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
groupDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Trade Item Group Description	tradeItemGroupIdentificationDescription	tradeItemGroupIdentificationDescription

Participant Dictionary

Attribute Name			Definition		
Additional Description			Free text field used to record additional product attributes. Use for any additional information necessary to communicate to the industry to help define the product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Product Description	Optional	AN/350	0 or More	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: Can be populated in multiple languages.			May be used for additional technical or commercial information.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
additionalDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Additional Description	additionalTradeItemDescription	additionalTradeItemDescription

Attribute Name			Definition		
Finish Description			Attribute which defines the outer surface/appearance of the product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Product Description	Optional	AN/70	0 or More	Yes
Examples			**Reference**		
Antique brass, bright brass, oak or walnut finish					
Additional Comments			**Business Case**		
Only need to be added on Consumer Unit Items. Until approved in the standards, use of "Color" attribute to define finish is acceptable. Would only need to be added on Consumer Unit Items. Note: Prior to the release of IM R6.0, this attribute was named "Trade Item Finish Description".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemFinishDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Finish Description	tradeItemFinishDescription	tradeItemFinishDescription

Attribute Name			Definition		
Product Color Description			Free text description of the color of the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Optional	AN/70	0 or More	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: Can be populated in multiple languages. Also note that in the GDSN CIN (Item Sync) message, if this attribute is populated the following attributes must also be populated: Color (GDSN CIN) Color Code Maintenance Agency (GDSN CIN)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
color/description

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Product Color Description	colorDescription	colorDescription

Attribute Name			Definition		
Color			Indicates the color of the trade item in this field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Dependent	AN/40	0 or More	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Becomes required if "Color Code Maintenance Agency" attribute is populated. Also note that in the GDSN CIN (Item Sync) message, if this attribute is populated then the attribute "Color Code Maintenance Agency" must also be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
color/code

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Color	colorCodeValue	colorCodeValue

Attribute Name			Definition		
Color Code Maintenance Agency			The party responsible for maintaining the color code list used for the "Color" field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Dependent	VV/3	0 or More	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Becomes required when the "Color" attribute is populated. Also note that in the GDSN CIN (Item Sync) message, if this attribute is populated then the attribute "Color" must also be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
color/agency

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Color Code Maintenance Agency	colorCodeListAgency	colorCodeListAgency

Participant Dictionary

Attribute Name			Definition		
Product Size Code			The value from an industry specific code list required to identify the size of the trade item. Can be a combination of values which fully describes the trade item size.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Optional	AN/50	0 or More	No
Examples			**Reference**		
Used in industries such as Shoes (12 1\2 Medium) , Apparel (32W by 36), Home Linens (Oval table cover 36x).					
Additional Comments			**Business Case**		
Please note this field will not allow the use of special characters. Note: Value is truncated to 20 characters in the GDSN CIN.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productSize/code

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Product Size Code	sizeCodeValue	sizeCodeValue

Participant Dictionary

Attribute Name			Definition		
Product Size Code Maintenance Agency			The parties controlling the code list for size.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Optional	VV/3	0 or More	No
Examples			**Reference**		
"25" EDITEX.			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Product Size Code Agencies valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productSize/maintenanceAgency

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Product Size Code Maintenance Agency	sizeCodeListAgency	sizeCodeListAgency

Participant Dictionary

Attribute Name			Definition		
Descriptive Size			An alphanumeric size factor the brand owner wishes to communicate to the consumer.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Optional	AN/35	0 or More	Yes
Examples			**Reference**		
"Maxi", "Jumbo", "Mini", "7", "10 ½", "small"					
Additional Comments			**Business Case**		
A descriptive size other than net content as labeled on consumer unit. This attribute is language specific for 1 language value only.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productSize/descriptiveSize

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Descriptive Size	descriptiveSize	descriptiveSize

Participant Dictionary

Attribute Name			Definition		
Organic Claim Agency			A governing body that creates and maintains standards related to organic products.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Dependent	VV/60	0 or More	No
Examples			**Reference**		
FSA – UK Food Standards Agency			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If Organic Claim Agency is populated then Organic Trade Item Code also needs to be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
claimAgency

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Organic Claim Agency	organicClaimAgency	organicClaimAgency

Attribute Name			Definition		
Organic Trade Item Code			Used to indicate the organic status of a trade item or of one or more of its components.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Dependent	VV/60	0 or 1	No
Examples			**Reference**		
100% Organic			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If Organic Trade Item Code is populated then Organic Claim Agency also must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Organic Trade Item Code	organicTradeItemCode	organicTradeItemCode

Attribute Name			Definition		
Fat Content			The amount of fat contained in a trade item. May be a legal requirement in some countries.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
10					
Additional Comments			**Business Case**		
Becomes required if the "Fat Content Basis of Measure" attribute is populated. Value is mapped only if its IM dependent attributes are also correct. Rules as follow: Fat Content UOM = percent (P1) and Fat Content Basis of Measure = 1 and Fat Content Basis of Measure UOM = one of the following: • Each (EA) • Piece (PC) • Unit (UN) Note: Percentage must be between 0.0 and 100.0.			Mainly concerns cheese and dairy trade items. Percentage is implicit.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
fatContent

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Fat Content	fatPercentageInDryMatter	fatPercentageInDryMatter

Attribute Name			Definition		
Fat Content UOM			Unit of measure for the "Fat Content" field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Dependent	VV/2	0 or 1	No
Additional Comments			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for UOM valid values.		
Additional Comments			**Business Case**		
Becomes required if the "Fat Content" attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
fatContent/uom
(Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Fat Content UOM	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Fat Content Basis of Measure			This field indicates the basis for the "Fat Content" and "Fat Content UOM" fields.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Becomes required if the "Fat Content" attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
fatContentBasisOfMeasure
(Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Fat Content Basis of Measure	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Fat Content Basis of Measure UOM			Unit of measure for the "Fat Content Basis of Measure " field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for UOM valid values.		
Additional Comments			**Business Case**		
Becomes required if the "Fat Content" attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
fatContentBasisOfMeasure/uom (Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Fat Content Basis of Measure UOM	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Size Group			A description of the variable size that is necessary to uniquely specify the size of the item in conjunction with the non-packaged size dimension.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Optional	VV/60	0 or 1	No
Examples			**Reference**		
The size group would be Petite and the size would be "8".			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If Size Group is populated, then either Descriptive Size Dim or the combination of Size Dimension and Size Dimension UOM is required. Size Group is typically used in conjunction with Size System.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
sizeGroup

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Size Group	sizeGroup	sizeGroup

Attribute Name			Definition		
Size Type			The type of size dimension being specified by the size measurement		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Optional	VV/60	0 or more	No
Examples			**Reference**		
The size type would be Back and the size would be 34"			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If Size Type is populated, then either Descriptive Size Dim or the combination of Size Dimension and Size Dimension UOM is required					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
sizeType

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Size Type	sizeType	sizeType

Attribute Name			Definition		
Descriptive Size Dim			The textual representation of the size dimension specified by the size type.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Dependent	AN/70	0 or more	Yes
Examples			**Reference**		
The size type would be Sleeve and the size would be "32/33 inches".					
Additional Comments			**Business Case**		
Either Size Dimension or Descriptive Size Dim must be present, but not both. Descriptive Size Dim is a description and is part of a mandatory choice (the other choice value being Size Dimension).					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
nonPackageDimensions/nonPackageSizeDimension/descriptiveSizeDimension

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Descriptive Size Dim	descriptiveSizeDimension	descriptiveSizeDimension

Participant Dictionary

Attribute Name			Definition		
Size Dimension			The numerical size measurement of the size dimension specified by the size type.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Dependent	N/15,15	0 or more	No
Examples			**Reference**		
The size type would be Back and the size would be 34 inches.					
Additional Comments			**Business Case**		
The size dimension is specified using a decimal value and a valid Unit Of Measure (UOM). Either Size Dimension or Descriptive Size Dim must be present, but not both. Size Dimension is a measurement value and is part of a mandatory choice (the other choice value being Descriptive Size Dim).					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
sizeDimension

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Size Dimension	sizeDimension	sizeDimension

Attribute Name			Definition		
Size Dimension UOM			The unit of measure used with the Size Dimension field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Dependent	VV/60	0 or more	No
Examples			**Reference**		
34 Inches			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
sizeDimension/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Size Dimension UOM	N/A*	sizeDimension unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Size System			This is the system that is being used to define the size. It is used in conjunction with size group to completely define the size dimension.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Dependent	VV/60	0 or more	No
Examples			**Reference**		
A shoe that is 10 inches or 25.4 centimeters could be specified without using this attribute; however, the same 10 inch shoe is a men size 71/2 in U.S., women size 9 in the U.S., men size 7 in the U.K., 40 in Europe (no distinction between men and women), women size 25 in Japan, and size 6 in Mexico. This will allow for the size dimensions to be specified in using different size systems.			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If Size System is populated, then either Descriptive Size Dim or the combination of Size Dimension and Size Dimension UOM is required.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
sizeSystem

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Size System	sizeSystem	sizeSystem

Attribute Name			Definition		
Material Code			Indicates the product material code that gives the composition of the trade item's first main material up to six material short codes that can be given in descending order of their respective percentages. This element may be used to specify agency code or country specific code used to indicate materials that the trade item consists of.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Optional	AN/70	0 or more	Yes
Examples			**Reference**		
CO Cotton; PE Polyethylene; PA Polyamide					
Additional Comments			**Business Case**		
This field is used in conjunction with Material Agency Code, Material Percentage, and Material Content. Material Code should match the value of Material Content if both are populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
materialComposition/materialCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Material Code	materialCode	materialCode

Participant Dictionary

Attribute Name			Definition		
Material Agency Code			Indicates the agency that is maintaining the Trade Item Material codes. This may include a specific code list.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Optional	VV/60	0 or more	No
Examples			**Reference**		
DIN60001_PART4					
Additional Comments			**Business Case**		
This field is used in conjunction with Material Code, Material Percentage, and Material Content. Valid Values: DIN60001_PART4					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
materialAgencyCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Material Agency Code	materialAgencyCode	materialAgencyCode

Attribute Name			Definition		
Material Content			This element is used to indicate the material composition. This element is used in conjunction with Material Percentage.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Optional	AN/70	0 or more	Yes
Examples			**Reference**		
Cotton and Acetate. It describes the composition of each material (e.g., plastic, rubber) contained in the trade item.					
Additional Comments			**Business Case**		
Material Content should match the value of Material Code if both are populated. This field is used in conjunction with Material Code, Material Agency Code, and Material Percentage.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
materialComposition/materialContent

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Material Content	materialContent	materialContent

Attribute Name			Definition		
Material Percentage			Net weight percentage of a product material of the first main material. The percentages must add up to 100.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Optional	N/5,2	0 or more	No
Examples			**Reference**		
CO Cotton 50%; PE Polyethylene 40%; PA Polyamide 10%.					
Additional Comments			**Business Case**		
This field is used in conjunction with Material Code, Material Agency Code, and Material Content.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
materialPercentage

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Material Percentage	materialPercentage	materialPercentage

Attribute Name			Definition		
Material Weight			The measured weight of the material expressed in ounces per square yard or grams per square meter. For example: 20 OZ Denim would be specified as 20 UOM = ON. The fabrics range from gossamer fine to bulky and are described with the following terms: light, medium, medium-heavy, and heavy. Light weight fabrics weigh up to 6 oz./sq. yd. (200 g/m2). They include applications such as crisp café curtains and a number of sheer window coverings. Medium weight fabrics generally weigh from 6 oz./sq. yd. to 12 oz./sq. yd. (200 g/m2 to 400 g/m2). They hang well in drapes and are the common choice for slipcovers. Medium-heavy weight fabrics weigh from 12 oz./sq. yd. to 18 oz./sq. yd. (400 g/m2 to 600 g/m2). They comprise most upholstery fabrics, many drapery materials, and the most substantial terry toweling. Heavy weight fabrics weigh over 18 oz./sq. yd. (600 g/m2). They include a number of upholstery fabrics. The very heaviest consumer textiles are various types of carpet and other floor coverings.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Dependent	N/15,15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Becomes required if the "Material Width UOM" attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
materialWeight

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Material Weight	materialWeight	materialWeight

Attribute Name			Definition		
Material Weight UOM			Unit of Measure for Material Weight.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Dependent	VV/60	0 or 1	No
Examples			**Reference**		
Acceptable Units of Measure for fabric weight are: ON – Ounces per square yard (oz/yd2) GM - Grams per square meter (g/m²).					
Additional Comments			**Business Case**		
Becomes required if the "Material Weight" field is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
materialWeight/uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Material Weight UOM	N/A*	materialWeight unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Thread Count			This element is used to specify the quality of material (fabric) of a trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Color, Size & Composition	Optional	AN/70	0 or 1	Yes
Examples			**Reference**		
300 threads per square inch for sheets.					
Additional Comments			**Business Case**		
May be used for marketing purposes (both to buyer and end consumer).					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
threadCount

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Thread Count	threadCount	threadCount

Attribute Name			Definition		
Packaging Material Code			The packaging material used for the product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	AN/4	0 or More	Yes
Examples			**Reference**		
			See the "Packaging Material Code" list in the *1SYNC IM Valid Values* document on the 1SYNC Solution Center. Please note that the hyphenated values shown in this code list represent two separate codes: first the value for "Packaging Material Code", followed by the associated value for "Material Code Agency". These codes must be populated in combination (individually within these respective attributes) to generate the associated "Packaging Material Description" value.		
Additional Comments			**Business Case**		
Please note that in the GDSN CIN message the following are dependent attributes -- both must be populated in order for either to be synchronized: Packaging Material Code Material Code Agency Note: The value provided for "Packaging Material Code" will be used in combination with the value provided for "Material Code Agency" to automatically populate the value in the "Packaging Material Description" field. An error message will be returned if a valid combination is not provided. See the *1SYNC IM Valid Values* document on the 1SYNC Solution Center for the for the valid code combinations, as well as the standard Packaging Material Description that is sent in the GDSN CIN.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/code

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Material Code	packagingMaterialCode	packagingMaterialCode

Participant Dictionary

Attribute Name			Definition		
Material Code Agency			The agency or agencies controlling the packaging material code list.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	VV/3	0 or more	No
Examples			**Reference**		
			See the "Packaging Material Code" list in the *1SYNC IM Valid Values* document on the 1SYNC Solution Center. Please note that the hyphenated values shown in this code list represent two separate codes: first the value for "Packaging Material Code", followed by the associated value for "Material Code Agency". These codes must be populated in combination (individually within these respective attributes) to generate the associated "Packaging Material Description" value.		
Additional Comments			**Business Case**		
Please note that in the GDSN CIN message, the following are dependent attributes -- both attribute must be populated in order for either to be synchronized: Packaging Material Code Material Code Agency Note: The value provided for "Packaging Material Code" will be used in combination with the value provided for "Material Code Agency" to automatically populate the value in the "Packaging Material Description" field. An error message will be returned if a valid combination is not provided. See the *1SYNC IM Valid Values* document on the 1SYNC Solution Center for the for the valid code combinations, as well as the standard Packaging Material Description that is sent in the GDSN CIN.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/agency

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Material Code Agency	packagingMaterialCodeListMaintenanceAgency	packagingMaterialCodeListMaintenanceAgency

Attribute Name			Definition		
Packaging Material Description			Description of the packaging material.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	AN/350	0 or More	Yes
Examples			**Reference**		
"Glass" "Aluminum"			See the "Packaging Material Code" list in the *1SYNC IM Valid Values* document on the 1SYNC Solution Center. Please note that the "Packaging Material Description" is generated based on the combination of two hyphenated values shown in this code list: first the value for "Packaging Material Code", followed by the associated value for "Material Code Agency".		
Additional Comments			**Business Case**		
Note: This attribute is a "display only" field that will be automatically populated based on a valid combination of values provided for the attributes "Packaging Material Code" and "Material Code Agency". See the *1SYNC IM Valid Values* document on the 1SYNC Solution Center for the for the valid code combinations, as well as the standard Packaging Material Description that is sent in the GDSN CIN.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/codeDescription
(Data Recipient 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Material Description (Display Only Field)	packagingMaterialDescription	packagingMaterialDescription

Participant Dictionary

Attribute Name			Definition		
Packaging Material Composition			The quantity of the packaging of the trade item. Can be weight, volume or surface, can vary by country.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	N/38,15	0 or more	No
Examples			**Reference**		
"15 GR", Value, amount, eaches, etc.					
Additional Comments			**Business Case**		
Note: Prior to the release of IM R6.0, this attribute was named "Packaging Weight". For TM Swe and NL, packaging material composition quantity can only be entered in weight and the weight must be in the metric system (UOM) The total of values in packagingMaterialCompositionQuantity may not exceed the value in packagingWeight for the same item					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/composition

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Material Composition	packagingMaterialCompositionQuantity	packagingMaterialCompositionQuantity

Attribute Name			Definition		
Packaging Material Composition UOM			The unit of measure for the "Packaging Material Composition" field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Dependent	VV/2	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Becomes required if the "Packaging Material Composition" attribute is populated. Note: Prior to the release of IM R6.0, this attribute was named "Packaging Weight UOM".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/composition/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Material Composition UOM	N/A*	packagingMaterialCompositionQuantity unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Returnable Package deposit Code Origin Agency			This attribute is the agency which manages the deposit code for a returnable package on which a depost is charged.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	AN/70	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/returnablePackageDepositCodeOriginAgency

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Returnable Package deposit Code Origin Agency	returnablePackageDepositCodeOriginAgency	returnablePackageDepositCodeOriginAgency

Attribute Name			Definition		
Terms or Conditions Code			Indicates if the packaging given in the described packaging configuration is rented, exchangeable, against deposit, or one way/not reusable.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	VV/60	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for "Packaging Terms and Condition" valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
termsAndCondition

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Terms or Conditions Code	packagingTermsAndCondition	packagingTermsAndCondition

Attribute Name			Definition		
Deposit Value Start Date			First date that the deposit value is valid for the deposit code.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	Date	0 or More	No
Examples			**Reference**		
2006-01-31					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
depositValueEffectiveDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Deposit Value Start Date	depositValueEffectiveDate	depositValueEffectiveDate

Attribute Name			Definition		
Deposit Value End Date			Last date that the deposit value in the currency is valid for the deposit code.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	Date	0 or more	No
Examples			**Reference**		
2006-12-31					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
depositValueEndDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Deposit Value End Date	depositValueEndDate	depositValueEndDate

Participant Dictionary

Attribute Name			Definition		
Returnable Package Deposit Code			In some markets the deposit information is specified by a GTIN giving the type of returnable package on which a deposit is charged. Each deposit code is associated with an amount specified elsewhere.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	AN/14	0 or more	No
Examples			**Reference**		
50A					
Additional Comments			**Business Case**		
returnablePackageDepositCode may only be populated when isPackagingMarkedReturnable=true					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
returnablePackageDepositCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Returnable Package Deposit Code	returnablePackageDepositCode	returnablePackageDepositCode

Participant Dictionary

Attribute Name			Definition		
Returnable Package Deposit Amount			The monetary amount for the individual returnable package.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	N/25,4	0 or more	No
Examples			**Reference**		
0.10					
Additional Comments			**Business Case**		
Please note that if this attribute is populated, the attribute "Returnable Package Amount Currency" must also be populated in order for synchronization to occur.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
returnablePackageDepositAmount

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Returnable Package Deposit Amount	returnablePackageDepositAmount	returnablePackageDepositAmount

Attribute Name			Definition		
Returnable Package Deposit Currency			Currency code for "Returnable Package Deposit Amount"		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Dependent	VV/60	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Currency Code valid values.		
Additional Comments			**Business Case**		
Returnable Package Deposit Currency becomes required when the "Returnable Package Deposit Amount" attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
returnablePackageDepositAmount/currency

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Returnable Package Deposit Currency	returnablePackageDepositAmount currencyISOCode	returnablePackageDepositAmount currencyISOCode

Participant Dictionary

Attribute Name			Definition		
Returnable Package Deposit Region Country			The country associated with the returnable package deposit amount.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	VV/3	0 or more	No
Examples			**Reference**		
"CA" = Canada, "US" = United States			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Country Code valid values.		
Additional Comments			**Business Case**		
Note: In the GDSN CIN, 1SYNC IM converts the country code values (as shown in the *1SYNC IM Valid Values* document on the 1SYNC Solution Center) to the three-digit code required in the GDSN CIN. For example, "124" = Canada; "840" United States.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/returnablePackageDepositRegion/returnablePackageDepositRegionCountry

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Returnable Package Deposit Region Country	returnablePackageDepositRegion	returnablePackageDepositRegion/ targetMarketCountryCode

Participant Dictionary

Attribute Name			Definition		
Returnable Package Deposit Region Subdivision Code			Code indicating the geopolitical subdivision of the country associated with the returnable package deposit amount.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Dependent	AN/7	0 or more	No
Examples			**Reference**		
			Refer to the ISO3166_2_code list referencing Tarket Market Subdivisions		
Additional Comments			**Business Case**		
If Returnable Package Deposit Region Subdivision Code is provided, then Returnable Package Deposit Region Country is required.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/returnablePackageDepositRegion/returnablePackageDepositRegionSubdiv

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Returnable Package Deposit Region Subdivision Code	returnablePackageDepositRegion	returnablePackageDepositRegion/ targetMarketSubdivisionCode

Participant Dictionary

Attribute Name			Definition		
Returnable Asset Capacity Content			A measurement of the potential capacity of a returnable asset (for example, how many bottles can fit into a crate). This is not the content for the full packaging but rather how much the packaging can contain.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Dependent	N/30,15	0 or More	No
Examples			**Reference**		
Example A: Soda. In a 2 liter in-store display, plastic crates are often used to hold a set number of bottles, and the crates can be stacked on top of other bottles to form a display. The plastic crate is a returnable asset and would typically have an internal capacity of 6 bottles. Example B: Milk crate. Milk crates are returnable assets that can hold (depending on the type used), either 4 jugs or 6 jugs of milk. Potentially a milk crate could also hold 4 gallons or even 8 cartons (for half gallons) depending on the use. This attribute can appear only once for each packaging material. For the milk crate example above, the supplier would pick the most appropriate value. This should be relative to the GTIN for which it is published. If a GTIN represents a whole gallon of milk, the supplier might choose either "4 jugs" or "4 gallons" based on industry norms. If the GTIN represents a half gallon, the supplier might choose "8 cartons".					
Additional Comments			**Business Case**		
If Returnable Asset Capacity Content is populated then Returnable Asset Capacity Content UOM must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/returnableAssetCapacityContent

Participant Dictionary

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Returnable Asset Capacity Content	returnableAssetCapacityContent	returnableAssetCapacityContent

Attribute Name			Definition		
Returnable Asset Capacity Content UOM			The unit of measure associated with the attribute Returnable Asset Capacity Content.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Dependent	VV/3	0 or More	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Net Content valid values.		
Additional Comments			**Business Case**		
If Returnable Asset Capacity Content UOM is populated, then Returnable Asset Capacity Content must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/returnableAssetCapacityContent/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Returnable Asset Capacity Content UOM	N/A*	returnableAssetCapacityContent@ unitOfMeasure

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Returnable Assets Contained Quantity			The number of returnable assets contained that are allocated to the full returnable item identified by the GTIN of returnable asset. For example, 6 bottles of beer in a six pack (trade item).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Dependent	N/38,15	0 or More	No
Examples			**Reference**		
Additional Comments			**Business Case**		
If Returnable Assets Contained Quantity is populated, then Returnable Assets Contained Quantity UOM must be populated. If populated, Returnable Assets Contained Quantity must be a positive number.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/returnableAssetsContainedQuantity

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Returnable Assets Contained Quantity	returnableAssetsContainedQuantity	returnableAssetsContainedQuantity

Attribute Name			Definition		
Returnable Assets Contained Quantity UOM			The unit of measure associated with the attribute Returnable Assets Contained Quantity.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Dependent	VV/3	0 or More	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Net Content valid values.		
Additional Comments			**Business Case**		
If Returnable Assets Contained Quantity UOM is populated, then Returnable Assets Contained Quantity must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/returnableAssetsContainedQuantity/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Returnable Assets Contained Quantity UOM	N/A*	returnableAssetsContainedQuantity@unitOfMeasure

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Packaging Material Launch Date Time			The first date that a change in packaging material has occurred. This packaging material change does not result in a new GTIN at any level of the item hierarchy (such as an increase or decrease in packaging material).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	Date/Time	0 or More	No
Examples			**Reference**		
Additional Comments			**Business Case**		
			If any of these attributes change, a new Packaging Material Launch Date must be submitted: Net Content, Packaging Material Performance, Distance Each Packaging Material Traveled To Point Of Packaging, Usable Product Volume, Usable Product Volume UOM, Packaging Material Code, Packaging Type, Packaging Weight, Packaging Weight UOM, Pallet Code. If you have multiple factories producing the packaging, use the weighted average date.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/packagingMaterialLaunchDateTime

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Material Launch Date Time	packagingMaterialLaunchDateTime	packagingMaterialLaunchDateTime

Attribute Name			Definition		
Packaging Material Performance Code			A level of packaging performance based on testing to minimize damage to the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	VV/35	0 or More	No
Examples			**Reference**		
1 = First submission of packaging 2 = Similar or equal to current packaging			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/packagingMaterialPerformanceCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Material Performance Code	packagingMaterialPerformanceCode	packagingMaterialPerformanceCode

Participant Dictionary

Attribute Name			Definition		
Packaging Refuse Obligation Name			The name of the specific refuse obligation that may apply to packaging or that the packaging may be exempt from.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	AN/200	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/packagingRefuseObligationName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Refuse Obligation Name	packagingRefuseObligationName	packagingRefuseObligationName

Attribute Name			Definition		
Packaging Refund Obligation Name			The refund obligation that the packaging of this item is subject to.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	AN/200	0 or More	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/packagingRefundObligationName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Refund Obligation Name	packagingRefundObligationName	packagingRefundObligationName

Attribute Name			Definition		
Average Distance Travelled To Point Of Packaging Code			The average distance each packaging material traveled from the packaging material supplier to the point where the product and packaging are combined to form the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	VV/35	0 or More	No
Examples			**Reference**		
1 = In-house (0-4miles) 2 = Under 500miles or under804k			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for "Average Distance Travelled to Point of Pkg" valid values.		
Additional Comments			**Business Case**		
			If there are multiple factories, use the weighted average distance based on the volume from the factories. Suppliers should provide the packaging code of each material they have provided for the attribute "Packaging Material Code".		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMaterial/averageDistanceTravelledToPointOfPkg

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Average Distance Travelled To Point Of Packaging Code	packagingMaterialAverageDistanceTravelledToPointOfPackaging	averageDistanceTravelledToPointOfPackagingCode

Attribute Name			Definition		
Casing Tare Weight			This is used for the weight measurement of the "food casing". The aggregate of the tare weight can be used for calculating the higher packaging levels.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	N/23,15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
A casing for food products is a flexible tubing into which foods are stuffed to provide a skin-tight covering. Used in packaging prepared meats, poultry, cheese, and other food products. "Casing Tare Weight" applies to the "Each" level. The aggregate of the tare weight can be used for calculating the higher packaging levels. For example, a sausage may have a net weight of 120 grams and a Casing Tare Weight of 5 grams. When in a carton of 12 sausages, add together each sausage's Casing Tare Weight and multiply by the accumulated total of all the sausages in the carton for the total Casing Tare Weight. In this example, 5 grams *12 sausages = 60 grams for the total Casing Tare Weight.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
casingTareWeight

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Casing Tare Weight	casingTareWeight	casingTareWeight

Attribute Name			Definition		
Casing Tare Weight UOM			Unit of measure for the "Casing Tare Weight" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Dependent	VV/3	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: If the "Casing Tare Weight" attribute is populated, this attribute becomes required.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
casingTareWeight/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Casing Tare Weight UOM	N/A*	casingTareWeight unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Security Tag Location			This is a code to indicate where the EAS tag is located on the Trade Item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	VV/60	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Only valid on the Consumer Unit. If this attribute is populated, it implies 'securityTagIndicator' = Y. 'secuirtyTagIndicator is an implied attribute Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
securityTagLocation

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Security Tag Location	securityTagLocation	securityTagLocation

Attribute Name			Definition		
Security Tag Type			This is a code to indicate the type of EAS tag located on the Trade Item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Dependent	VV/60	0 or 1	No
Examples			**Reference**		
AM = Acousto-Magnetic			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Used on Consumer Units only. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
securityTagType

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Security Tag Type	securityTagType	securityTagType

Attribute Name			Definition		
RFID Tagged			A code that indicates if the trade item is or could be EPC RFID tagged.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	VV/60	0 or 1	No
Examples			**Reference**		
"ALWAYS", "NEVER", "SOMETIMES"			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
rfidTagged

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
RFID Tagged	rFIDTaggedCode	rFIDTaggedCode

Attribute Name			Definition		
Offer On Pack			Contains details of any on pack product offer (consumer or traded).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	AN/70	0 or 1	No
Examples			**Reference**		
Extra 20 percent free, free gift.					
Additional Comments			**Business Case**		
If the physical dimensions of the product change as a result of the promotion, then a new GTIN must be allocated. If only a token is added to the product, then no need to change GTIN.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
offerOnPack

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Offer On Pack	offerOnPack	offerOnPack

Attribute Name			Definition		
Pricing On Product			Indication of whether there is a retail price physically on or attached to the trade item packaging of the trade item by the manufacturer or information provider. This is a Y/N (Boolean) where Y equals pricing on the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Yes/No (GUI) true/false (Batch)					
Additional Comments			**Business Case**		
If "Pricing on Product" is populated as "Yes/true", then "Consumer Unit Indicator" may not be populated as "No/false". If 'Yes/true', then 1SYNC attribute "Suggested Retail Price" and corresponding dependent attributes must be populated. Note: If 1SYNC attribute "Retail Price on Trade Item" is NOT populated AND the "Pricing on Product" attribute = 'Yes/true', then the value populated for "Suggested Retail Price" will be mapped in the GDSN CIN attribute retailPriceOnTradeItem.			Boolean Y/N where Y = there is a retail price on the trade item; N = not pre-priced		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
pricingOnProduct

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Pricing On Product	priceOnPackIndicator	isPriceOnPack

Attribute Name			Definition		
Product Marked with Ingredients			Product label contains information pertaining to its ingredients. Product ingredients are required to be shown on the product (normally at base item level) by law in some countries.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Yes/No (GUI) true/false (Batch)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productMarkedWithIngredients

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Product Marked with Ingredients	isPackagingMarkedWithIngredients	isPackagingMarkedWithIngredients

Participant Dictionary

Attribute Name			Definition		
Packaging Marked Returnable			Packaging has markings to indicate returnable packaging. Packaging can (true) or cannot (false) be returned.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
This attribute is Mandatory in the GDSN CIN (Item Sync) message. Yes/No (GUI) true/false (Batch).					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMarkedReturnable

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Marked Returnable	isPackagingMarkedReturnable	isPackagingMarkedReturnable

Participant Dictionary

Attribute Name			Definition		
Green Dot Indicator			Trade item packaging marked with green point indicator. Law in several European countries mandates the green point indicator. This is a true/false where (true) equals marked with green point indicator.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	Boolean	0 or 1	No
Examples			**Reference**		
			Legal requirement in limited number of countries. See: ProEurope s.p.r.l Av de Tervuren 35 Etterbeck- B 1040 Brussels. Countries concerned as of Nov 01: AT,BE,CZ,FR,DE,HU,IE,LT,LU,NO,PT,ES,SE		
Additional Comments					
Legal requirement in limited number of countries. Yes/No (GUI) true/false (Batch)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
greenDotIndicator

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Green Dot Indicator	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Product Marked Recyclable			Trade item has a recyclable indication marked on it. This may be a symbol from one of many regional agencies.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Yes/No (GUI) true/false (Batch)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productMarkedRecyclable

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Product Marked Recyclable	N/A	isTradeItemMarkedAsRecyclable

Attribute Name			Definition		
Has Batch Number			Indication whether the base trade item is batch or lot number requested by law, not batch or lot number requested by law but batch or lot number allocated, or not batch or lot number allocated. A batch or lot number is a manufacturer assigned code used to identify a trade item's trade item on batch or lot. Differs from Serial Number which is a manufacturer assigned code during the trade item on cycle to identify an unique trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
			Local legal requirement (E.g. Austria). Relevant only for certain industries. Authorized values are: X11 Batch number allocated as requested by law (EAN Code), X12 Batch number allocated (EAN Code), tbd No batch number allocated.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
hasBatchNumber

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Has Batch Number	hasBatchNumber	hasBatchNumber

Attribute Name			Definition		
Right of Return for Non-Sold Trade Item			Indicates whether the buyer may return trade items that are not sold to a consumer.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Commonly used with magazines and bread.					
Additional Comments			**Business Case**		
Yes/No (GUI) true/false (Batch)			This attribute applies to certain industries, and applies to return of salable goods. This indicator identifies the general rule, and is not transaction based.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
rightOfReturnForNonSoldTradeItem

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Right of Return for Non-Sold Trade Item	isNonSoldTradeItemReturnable	IsNonSoldTradeItemReturnable

Attribute Name			Definition		
Net Content Declared			This field is used to facilitate local business rules where a declaration or a trade item's net content is not on the product label.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	Boolean	0 or 1	No
Examples			**Reference**		
UK under 50g legislation.					
Additional Comments			**Business Case**		
Note: Prior to the release of IM R6.0, this attribute was named "Is Net Content Declaration Indicated".			For a product without an on-pack net content declaration this field should be indicated as "No", and net weight should be communicated at the trade unit level.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isNetContentDeclaration

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Net Content Declared	isNetContentDeclarationIndicated	isNetContentDeclarationIndicated

Attribute Name			Definition		
Packaging Marked Recyclable Scheme			The package of this GTIN is marked to indicate under which scheme it is recyclable. Applies to recyclable packaging with or without deposit.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	AN/70	0 or 1	No
Examples			**Reference**		
Aluminum can be marked as recyclable.					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMarkedRecyclableScheme

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Marked Recyclable Scheme	packagingMarkedRecyclableScheme	packagingMarkedRecyclableScheme

Attribute Name			Definition		
Packaging Marked Expiration Date Type			Indicates the type of expiration date marked on the packaging.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	VV/60	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMarkedExpirationDateType

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Marked Expiration Date Type	packagingMarkedExpirationDateType	packagingMarkedExpirationDateType

Participant Dictionary

Attribute Name			Definition		
Package Marks Environment			Indication of which environmental marks (e.g., recycling schemes) are on trade item package. This attribute is an enumerated list and is optional.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	VV/60	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packageMarksEnvironment

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Package Marks Environment	packageMarksEnvironment	packageMarksEnvironment

Attribute Name			Definition		
Package Marks Diet Allergen			Indication of which dietary or allergen marks are on the package.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	VV/60	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packageMarksDietAllergen

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Package Marks Diet Allergen	packageMarksDietAllergen	packageMarksDietAllergen

Participant Dictionary

Attribute Name			Definition		
Package Marks Free From			Indication of which free-from marks are on the package. This attribute is an enumerated list and is optional.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	VV/60	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packageMarksFreeFrom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Package Marks Free From	packageMarksFreeFrom	packageMarksFreeFrom

Attribute Name			Definition		
Package Marks Ethical			Indication of which ethical trading marks are on the package.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	VV/60	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packageMarksEthical

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Package Marks Ethical	packageMarksEthical	packageMarksEthical

Attribute Name			Definition		
Package Marks Hygienic			An indication of which hygiene markings are present in the product package. Hygiene markings are defined as those related to packaging conditions or practices intended to the preservation or promotion of health.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Packaging	Optional	VV/35	0 or more	No
Examples			**Reference**		
EXTREMELY_CLEAN			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packageMarksHygienic

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Package Marks Hygienic	packageMarksHygienic	packageMarksHygienic

Participant Dictionary

Attribute Name			Definition		
Pallet Code			Indicates whether the described dispatch unit is delivered on a pallet and on which type of pallet, or if it is non-palletized. If the dispatch unit is delivered on a pallet the pallet type must be given here.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	AN/70	0 or 1	No
Examples			**Reference**		
"200" = pallet ISO 0, 1/2 Euro pallet.			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: If the value populated for Pallet Code = 27 ("Platform of Unspecified Weight or Dimension"), do not include the weight of the pallet itself in the Gross Weight measurement. Value in quantityofNextLowerLevelTradeItem may not exceed 2 when the pallet type is any type of full size pallet and the child item's pallet type is any type of half size pallet. Full size pallets are: - EUR Pallet (code 37), ISO 1 Pallet (code 11), Half size pallets are: 1/2 EUR Pallet (code 30), EUR 6 Pallet (code 36), ISO 0 Pallet (code 10)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
palletCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Pallet Code	palletTypeCode	palletTypeCode

Attribute Name			Definition		
Pallet Terms and Conditions			Indicates if the pallet in the prescribed pallet configuration is rented, exchangeable, against deposit or one way (not reusable).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	AN/70	0 or 1	No
Examples			**Reference**		
'Oneway Pallet'; 'Reusable Pallet'			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: Prior to the release of IM R6.0, this attribute was named "Pallet Handling One-way Reusable".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
palletTermsAndConditions

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Pallet Terms and Conditions	palletTermsAndConditions	palletTermsAndConditions

Attribute Name			Definition		
Handling Instruction Code			Defines the information and processes needed to safely handle the trade item. Handling instructions are composed of both text and a language code.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	VV/3	0 or more	No
Examples			**Reference**		
DNF = Do Not Freeze FTD = Frost danger HS = Heat sensitive HWC = Handle with care			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: Prior to the release of IM R6.0, this attribute was named "Product Handling Instruction".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
handlingInstructionCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Handling Instruction Code	handlingInstructionsCode	handlingInstructionsCode

Participant Dictionary

Attribute Name			Definition		
Number of Items/Pallet			The total number of items per pallet. Use this field to describe the highest-level trade item in a hierarchy that does not have a pallet GTIN.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	I/10	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Do not populate if "Product Type" is PL (Pallet). Valid values 0-9999999999 If isNonGTINLogisticUnitPackedIrregularly = False then value in numberOfItemsPerPallet must be equal to value in ti multiplied by value in hi					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
numberOfItemsPerPallet

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Number of Items/Pallet	quantityOfTradeItemsPerPallet	quantityOfTradeItemsPerPallet

Participant Dictionary

Attribute Name			Definition		
Quantity of Next Level GTIN within Inner Pack			Indicates the number of next lower level trade items contained within the physical non-coded grouping (innerpack).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	I/10	0 or 1	No
Examples			**Reference**		
Case of 12 bottles of shampoo contains two non-coded plastic wrapped bundles each with six bottles. Value = "6"					
Additional Comments			**Business Case**		
An inner pack can only contain the same GTIN, and inner pack sizing must be constant. Change of inner pack doesn't change higher or lower level GTINs.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
quantityOfNextLevelWithinInnerPack

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Quantity of Next Level GTIN within Inner Pack	quantityOfNextLevelTradeItemWithinInnerPack	quantityOfNextLevelTradeItemWithinInnerPack

Attribute Name			Definition		
Number of Layers Per Pallet/Non GTIN Pallet Hi			Only used if pallet has no GTIN. Represents the number of layers that a pallet contains according to supplier or retailer preferences. Applies to the highest level of the item hierarchy and only 1 pallet configuration can be provided. It is highly recommended to use a GTIN for pallet identification.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	I/10	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Valid Values: 0-9999999999					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
nonGTINPalletHi

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Number of Layers Per Pallet/Non GTIN Pallet Hi	quantityOfLayersPerPallet	quantityOfLayersPerPallet

Attribute Name			Definition		
Number of Trade Items Per Pallet Layer/Non GTIN Pallet Ti			The number of trade items contained on a single layer of a pallet. Only used if the pallet has no GTIN. It indicates the number of trade items placed on a pallet layer according to supplier or retailer preferences.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	I/10	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Valid Values: 0-9999999999					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
nonGTINPalletTi

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Number of Trade Items Per Pallet Layer/Non GTIN Pallet Ti	quantityOfTradeItemsPerPalletLayer	quantityOfTradeItemsPerPalletLayer

Attribute Name			Definition		
Non GTIN Pallet Height			This field is the overall height of the items on the shipping platform, plus the height of the shipping platform itself.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
This attribute is used if the hierarchy does not have a pallet GTIN. The attributes of the pallet are held as attributes on the lower level trade item (e.g., Case). Do not populate if "Product Type" is PL (Pallet) or MX (Mixed Mod).					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
nonGTINPalletHeight (Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Non GTIN Pallet Height	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Non GTIN Pallet Height UOM			The unit of measure for the "Non GTIN Pallet Height" data element.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Length UOM valid values.		
Additional Comments			**Business Case**		
Required if the "Non GTIN Pallet Height" data element is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
nonGTINPalletHeight/uom (Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Non GTIN Pallet Height UOM	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Non GTIN Pallet Gross Weight			This field is the overall weight of the items on the shipping platform, plus the weight of the shipping platform itself.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
This attribute is used if the hierarchy does not have a pallet GTIN. The attributes of the pallet are held as attributes on the lower level trade item (e.g., Case). Do not populate if "Product Type" is PL (Pallet) or MX (Mixed Mod).					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
nonGTINPalletGrossWeight
(Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Non GTIN Pallet Gross Weight	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Non GTIN Pallet Gross Weight UOM			The unit of measure for the "Non GTIN Pallet Gross Weight" data element.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Weight UOM valid values.		
Additional Comments			**Business Case**		
Required if the "Non GTIN Pallet Gross Weight" data element is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
nonGTINPalletGrossWeight/uom (Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Non GTIN Pallet Gross Weight UOM	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Max Stacking Weight			The maximum admissible weight that can be stacked on the trade item. This uses a measurement consisting of a unit of measure and a value. This will be used for transport or storage to allow user to know by weight how to stack different trade items one on top of the other.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
500 KGM					
Additional Comments			**Business Case**		
Note: Prior to the release of IM R6.0, this attribute was named "Max Admissible Stacking Weight".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
maximumStackingWeight

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Max Stacking Weight	stackingWeightMaximum	stackingWeightMaximum

Attribute Name			Definition		
Max Stacking Weight UOM			The unit of measure used for the "Maximum Admissible Stacking Weight" field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Weight UOM valid values.		
Additional Comments			**Business Case**		
Becomes required if the "Maximum Admissible Stacking Weight" attribute is populated. Note: Prior to the release of IM R6.0, this attribute was named "Max Admissible Stacking Weight UOM".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
maximumStackingWeight/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Max Stacking Weight UOM	N/A*	stackingWeightMaximum unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the   attribute.

Participant Dictionary

Attribute Name			Definition		
Stacking Factor			A factor that determines the maximum stacking of the item when in storage. Indicates the number of levels the product may be stacked.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	I/10	0 or 1	No
Examples			**Reference**		
Factor of "2" = trade item is stackable 2 high					
Additional Comments			**Business Case**		
Valid Values: 0-9999999999 Note: For GTINs where the Target Market = Netherlands, the valid values for "Stacking Factor" are limited to integers between 0 and 99.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
stackingFactor

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Stacking Factor	stackingFactor	stackingFactor

Attribute Name			Definition		
Layer Height			This field is used to identify the measurement of height of the layer when trade items are packed with layers.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	N/15,15	0 or 1	No
Examples			**Reference**		
Layer Height is necessary when the cases are loaded on the pallet lying on the side instead of standing up.					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
layerHeight

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Layer Height	layerHeight	layerHeight

Attribute Name			Definition		
Layer Height UOM			The unit of measure for the "Layer Height" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Dependent	VV/3	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: If the "Layer Height" attribute is populated, this attribute becomes required.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
layerHeight/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Layer Height UOM	N/A*	layerHeight unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the   attribute.

Participant Dictionary

Attribute Name			Definition		
Nesting Increment			Indicates the incremental height of trade items nested together.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	N/15,15	0 or more	No
Examples			**Reference**		
In the case of two garbage cans nested together, Nesting Increment would be the height between the lip of the lower can and the lip on the upper can.					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
nestingIncrement

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Nesting Increment	nestingIncrement	nestingIncrement

Attribute Name			Definition		
Nesting Increment UOM			The unit of measure for the "Nesting Increment" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Dependent	VV/3	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: If the "Nesting Increment" attribute is populated, this attribute becomes required.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
nestingIncrement/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Nesting Increment UOM	N/A*	nestingIncrement unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the   attribute.

Attribute Name			Definition		
Import Classification Value			Imports and exports of trade items typically require classification codes to determine appropriate duties and tariffs. Values include Netherlands Import Code, Harmonized Commodity Description and Coding System, Customs Tariff and INTRASTAT Code, Harmonized Tariff Schedule of the United States, INTRASTAT Combined Nomenclature, Tarif Intégré de la Communauté. For example, the US code is a 10-digit number, the Harmonized Commodity Description and Coding System is a 6-digit number, and the EU codes are 8 digits. Other Types may use an alphanumeric approach, so it is best to reference the actual Tariff Code Value from the list associated with the Type selected.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	AN/70	0 or more	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Required if attribute "Import Classification Type" is populated. Required on Import Products only.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
importClassificationValue

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Import Classification Value	importClassificationValue	importClassificationValue

Participant Dictionary

Attribute Name			Definition		
Import Classification Type			This is a code to indicate the type of import classification for the Trade Item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Dependent	VV/60	0 or more	No
Examples			**Reference**		
Required if attribute "Import Classification Value" is populated.			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Required on Import Products only					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
importClassificationType

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Import Classification Type	importClassificationType	importClassificationType

Participant Dictionary

Attribute Name			Definition		
Min Product Lifespan from Production			The period of days, guaranteed by the manufacturer, before the expiration date of the product, based on the production.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	I/10	0 or 1	No
Examples			**Reference**		
35					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
minimumTradeItemLifespanFromProduction

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Min Product Lifespan from Production	minimumTradeItemLifespanFromTimeOfProduction	minimumTradeItemLifespanFromTimeOfProduction

Participant Dictionary

Attribute Name			Definition		
Min Product Lifespan from Arrival			The period of days, guaranteed by the manufacturer, before the expiration date of the trade item, based on arrival to a mutually agreed to point in the buyer's distribution system.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	I/4	0 or 1	No
Examples			**Reference**		
'100'					
Additional Comments			**Business Case**		
Note: Must be expressed in number of days. 1SYNC IM will "hard code" days in the outbound GDSN CIN. minimumTradeItemLifespanFromArrival must be less than minimumTradeItemLifespanFromProduction Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
minimumTradeItemLifespanFromArrival

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Min Product Lifespan from Arrival	MinimumTradeItemLifespanFromTimeOfArrival	MinimumTradeItemLifespanFromTimeOfArrival

Participant Dictionary

Attribute Name			Definition		
Opened Trade Item Lifespan			The number of days a trade item that has been opened can remain on the shelf and must then be removed.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	I/6	0 or more	No
Examples			**Reference**		
The number of days is counted from the date of manufacture. The number of days determined in the "must sell by date" is applicable to the each level. When the master item is received it has an ultimate shelf life number of days on it. For example, the ultimate number of days for a ham is 180. The manufacturer advises the retailer that once it's open the item is good for 7 days. That 7 days is used to create the label for the consumer. When the consumer buys some of the ham, the label will have the best before date which is based on the 7 days.					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
openedTradeItemLifespan

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Opened Trade Item Lifespan	openedTradeItemLifeSpan	openedTradeItemLifespan

Attribute Name			Definition		
Min Storage Humidity			The minimum humidity in percentages that the goods should be stored in.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	N/15,15	0 or 1	No
Examples			**Reference**		
80 Percentage					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
storageHandlingHumidityMinimum

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Min Storage Humidity	storageHandlingHumidityMinimum	storageHandlingHumidityMinimum

Attribute Name			Definition		
Min Storage Humidity UOM			The unit of measure for the "Min Storage Humidity" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Dependent	VV/60	0 or 1	No
Examples			**Reference**		
80 Percentage					
Additional Comments			**Business Case**		
Becomes required if "Min Storage Humidity" attribute is populated. Valid Values: P1=Percentage					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
storageHandlingHumidityMinimum/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Min Storage Humidity UOM	N/A*	storageHandlingHumidityMinimum unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Max Storage Humidity			The maximum humidity in percentages that the goods should be stored in.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	N/15,15	0 or 1	No
Examples			**Reference**		
85 Percentage					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
storageHandlingHumidityMaximum

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Max Storage Humidity	storageHandlingHumidityMaximum	storageHandlingHumidityMaximum

Attribute Name			Definition		
Max Storage Humidity UOM			The unit of measure for the "Max Storage Humidity" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Dependent	VV/60	0 or 1	No
Examples			**Reference**		
85 Percentage					
Additional Comments			**Business Case**		
Becomes required if "Max Storage Humidity" attribute is populated. Valid Values: P1=Percentage					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
storageHandlingHumidityMaximum/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Max Storage Humidity UOM	N/A*	storageHandlingHumidityMaximum unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Storage/Handling Temp Min			The minimum temperature at which the product can be stored or transported.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
storageHandlingTempMin

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Storage/Handling Temp Min	storageHandlingTemperatureMinimum	storageHandlingTemperatureMinimum

Attribute Name			Definition		
Storage/Handling Temp Min UOM			The unit of measure (Fahrenheit, Centigrade/Celsius) used to indicate the minimum temperature at which the product can be stored or transported.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	VV/2	1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Standard Temperature UOM valid values.		
Additional Comments			**Business Case**		
Required if "Storage/Handling Temp Min" attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
storageHandlingTempMin/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Storage/Handling Temp Min UOM	N/A*	storageHandlingTemperatureMinimum unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Storage/Handling Temp Max			The maximum temperature at which the product can be stored or transported.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	N/38,15	0 or 1	No
Additional Comments			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
storageHandlingTempMax

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Storage/Handling Temp Max	storageHandlingTemperatureMaximum	storageHandlingTemperatureMaximum

Attribute Name			Definition		
Storage/Handling Temp Max UOM			The unit of measure (Fahrenheit, Centigrade/Celsius) used to indicate the maximum temperature at which the product can be stored or transported.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	VV/2	1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Standard Temperature UOM valid values.		
Additional Comments			**Business Case**		
Required if "Storage/Handling Temp Max" attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
storageHandlingTempMax/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Storage/Handling Temp Max UOM	N/A*	storageHandlingTemperatureMaximum unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Min DC Delivery Temp			Permitted minimum temperature of the trade item on transport to the distribution center.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	N/15,15	0 or 1	No
Examples			**Reference**		
"+2 C" or degrees F, value					
Additional Comments			**Business Case**		
Temperature information is important for dairy trade item, dangerous goods and other trade items for which certain temperature limits are necessary during transport or storage, for quality or safety reasons. Has to be associated with valid UOM.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
deliveryToDCTemperatureMinimum

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Min DC Delivery Temp	deliveryToDistributionCenterTemperatureMinimum	deliveryToDistributionCenterTemperatureMinimum

Attribute Name			Definition		
Min DC Delivery Temp UOM			The unit of measure for the "Min DC Delivery Temp" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Dependent	VV/60	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Becomes required if "Min DC Delivery Temp" attribute is populated. List of Valid Values: CE = Degrees Celsius (Centigrade) FA = Degrees Fahrenheit					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
deliveryToDCTemperatureMinimum/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Min DC Delivery Temp UOM	N/A*	deliveryToDistributionCenterMinimumunitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Max DC Delivery Temp			Permitted maximum temperature of the trade item on transport to the distribution center.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	N/15,15	0 or 1	No
Examples			**Reference**		
"+6 C" or degrees F, value					
Additional Comments			**Business Case**		
Temperature information is important for dairy trade item, dangerous goods, and other trade items for which certain temperature limits are necessary during transport or storage, for quality or safety reasons. Has to be associated with valid UOM.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
deliveryToDCTemperatureMaximum

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Max DC Delivery Temp	deliveryToDistributionCenterTemperatureMaximum	deliveryToDistributionCenterTemperatureMaximum

Attribute Name			Definition		
Max DC Delivery Temp UOM			The unit of measure for the "Max DC Delivery Temp" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Dependent	VV/60	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Becomes required if "Max DC Delivery Temp" attribute is populated. List of Valid Values: CE=Degrees Celsius (Centigrade) FA=Degrees Fahrenheit					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
deliveryToDCTemperatureMaximum/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Max DC Delivery Temp UOM	N/A*	deliveryToDistributionCenterMaximumunitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Min Market Delivery Temp			Permitted minimum temperature of the trade item during delivery to market to market.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	N/15,15	0 or 1	No
Examples			**Reference**		
"+3 C" or degrees F, value					
Additional Comments			**Business Case**		
Temperature information is important for dairy trade item, dangerous goods, and other trade items for which certain temperature limits are necessary during transport or storage, for quality or safety reasons. Has to be associated with valid UOM.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
deliveryToMarketTemperatureMinimum

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Min Market Delivery Temp	deliveryToMarketTemperatureMinimum	deliveryToMarketTemperatureMinimum

Attribute Name			Definition		
Min Market Delivery Temp UOM			The unit of measure for the "Min Market Delivery Temp" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Dependent	VV/60	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Becomes required if "Min Market Delivery Temp" attribute is populated. List of Valid Values: CE=Degrees Celsius (Centigrade) FA=Degrees Fahrenheit					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
deliveryToMarketTemperatureMinimum/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Min Market Delivery Temp UOM	N/A*	deliveryToMarketTemperatureMinimumunitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Max Market Delivery Temp			Permitted maximum temperature of the trade item during delivery to market.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	N/15,15	0 or 1	No
Examples			**Reference**		
"+7 C" or degrees F, value					
Additional Comments			**Business Case**		
Temperature information is important for dairy trade item, dangerous goods, and other trade items for which certain temperature limits are necessary during transport or storage, for quality or safety reasons. Has to be associated with valid UOM.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
deliveryToMarketTemperatureMaximum

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Max Market Delivery Temp	deliveryToMarketTemperatureMaximum	deliveryToMarketTemperatureMaximum

Attribute Name			Definition		
Max Market Delivery Temp UOM			The unit of measure for the "Max Market Delivery Temp" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Dependent	VV/60	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Becomes required if "Max Market Delivery Temp" attribute is populated. List of Valid Values: CE=Degrees Celsius (Centigrade) FA=Degrees Fahrenheit					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
deliveryToMarketTemperatureMaximum/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Max Market Delivery Temp UOM	N/A*	deliveryToMarketTemperatureMaximumunitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Compliance Regulation Code			A code that indicates that a trade item is in compliance with specific applicable government regulations. Different municipalities require this on items shipped-to or sold-in the municipality.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	VV/60	0 or more	No
Examples			**Reference**		
Compliant With Flammability Act			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
classComplianceRegulationCode

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Compliance Regulation Code	classComplianceRegulationCode	classComplianceRegulationCode

Participant Dictionary

Attribute Name			Definition		
GLN Of Ship From Party			The GLN identifier of a location from which the trade item may be shipped, or picked up by the retailer.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Dependent	AN/13	0 or more	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: If "Name of Ship From Party" is populated, then this attribute becomes required.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
glnOfShipFromParty

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
GLN Of Ship From Party	shipFromLocationIdentification	shipFromLocationIdentification

Participant Dictionary

Attribute Name			Definition		
Name Of Ship From Party			The name of a location from which the trade item may be shipped, or picked up by the retailer.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Dependent	AN/200	0 or more	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: If "GLN of Ship From Party" is populated, then this attribute becomes required.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
nameOfShipFromParty

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Name Of Ship From Party	shipFromLocationName	shipFromLocationName

Participant Dictionary

Attribute Name			Definition		
Order Sizing Factor			A trade item specification other than gross, net weight, or cubic feet for a line trade item or a transaction, used for order sizing and pricing purposes.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Optional	I/10	0 or more	No
Examples			**Reference**		
A Case with Gross Weight = 40 lbs. Order Sizing Factor = 62.5. A retailer forecasting system will utilize the 62.5 rather than the 40 to ensure truckload-based orders "do not cube out before they weight out."					
Additional Comments			**Business Case**		
Note: Prior to the release of IM R6.0, this attribute was named "Sizing Factor".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
orderSizingFactor

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Order Sizing Factor	orderSizingFactor	orderSizingFactor

Attribute Name			Definition		
Order Sizing Factor UOM			Unit of measure to accompany Order Sizing Factor		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Dependent	VV/2	0 or more	No
Examples			**Reference**		
See *Data Source 1SYNC XML Guide* for 1SYNC XML example			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
1SYNC XML, Spreadsheet – Optional Attribute Becomes required if Order Sizing Factor attribute is populated. Order Sizing Factor UOM value is defaulted to "TC" (truckload) if a value is not provided for this attribute.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
orderSizingFactor/uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Order Sizing Factor UOM	N/A*	orderSizingFactor unitOfMeasure

* Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Order Quantity Multiple			The order quantity multiples in which the trade item may be ordered. If the Order Quantity Minimum is 100, and the Order Quantity Multiple is 20, then the trade item can only be ordered in quantities which are divisible by the Order Quantity Multiple of 20.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Optional	I/10	0 or 1	No
Examples			**Reference**		
100, 120, 140, 200. A number or a count.					
Additional Comments			**Business Case**		
Valid Values: 0-9999999999 Note: Value is truncated to 9 digits in the GDSN CIN. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
orderQuantityMultiple

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Order Quantity Multiple	orderQuantityMultiple	orderQuantityMultiple

Participant Dictionary

Attribute Name			Definition		
Min Order Quantity			Represent an agreed to minimum quantity of the trade item that can be ordered. A number or a count. This applies to each individual order. Can be a fixed amount for all customers in a target market.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Optional	I/10	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Valid Values: 0-9999999999 Note: Value is truncated to 9 digits in the GDSN CIN. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
minimumOrderQuantity

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Min Order Quantity	orderQuantityMinimum	orderQuantityMinimum

Attribute Name			Definition		
Max Order Quantity			The maximum quantity of the trade item that can be ordered. A number or a count. This value can represent the total number of units ordered over a set period of time with multiple orders.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Optional	I/10	0 or 1	No
Examples			**Reference**		
When a manufacturer chooses to control manufacturing costs by limiting the amount of product that a customer can buy per order - example - Geneva watchmaker only allows orders of 10 watches per customer per order so as to control their production for quality control reasons, and to ensure that all of his customers receive some product.					
Additional Comments			**Business Case**		
Valid Values: 0-9999999999 Note: Value is truncated to 9 digits in the GDSN CIN. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
maximumOrderQuantity

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Max Order Quantity	orderQuantityMaximum	orderQuantityMaximum

Attribute Name			Definition		
Min Buying Quantity			Minimum buying quantity agreed between trading partners.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Optional	I/9	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
agreedMinimumBuyingQuantity

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Min Buying Quantity	agreedMinimumBuyingQuantity	agreedMinimumBuyingQuantity

Attribute Name			Definition		
Max Buying Quantity			The maximum quantity of the product available to the retailer.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Optional	I/9	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
agreedMaximumBuyingQuantity

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Max Buying Quantity	agreedMaximumBuyingQuantity	agreedMaximumBuyingQuantity

Attribute Name			Definition		
Ordering UOM			The alternate Unit of Measure of how Trade Items are ordered by the Retailer under one Unit of Measure, but sold under another Unit of Measure.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Optional	VV/60	0 or 1	No
Examples			**Reference**		
A Spool of wire ordered by the spool and sold by lineal foot; Lumber ordered by board footage and sold by piece			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for "Selling Ordering UOM" valid values.		
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD).					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
orderingUnitOfMeasure

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Ordering UOM	N/A	orderingUnitOfMeasure

Participant Dictionary

Attribute Name			Definition		
Selling UOM			Describes the measurement used for selling unit of the Trade Item to the end consumer. A Trade Item may have only one Unit of Measure.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Optional	VV/60	0 or 1	No
Examples			**Reference**		
Each, pair, case, roll, set box, by the foot, by the sheet.			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for "Selling Ordering UOM" valid values.		
Additional Comments			**Business Case**		
Retailers may require this if the Item is marked as a Consumer Unit.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
sellingUnitOfMeasure

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Selling UOM	N/A	sellingUnitOfMeasure

Participant Dictionary

Attribute Name			Definition		
Is Size Based Pricing			Indicator that an item may be at a different price point than other similar SKUs (GTIN's price within a Style may differ).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isTradeItemSizeBasedPricing

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Size Based Pricing	isTradeItemSizeBasedPricing	isTradeItemSizeBasedPricing

Participant Dictionary

Attribute Name			Definition		
Is Trade Item Reorderable			Indicator that selected styles or trade items may or may not be re-ordered.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Optional	Boolean	0 or 1	No
Examples			**Reference**		
This attribute does not imply any information on current availability. Example: Some Designer's Merchandise, T-shirts printed out for a special event (commemorative items).					
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isTradeItemReorderable

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Is Trade Item Reorderable	isTradeItemReorderable	isTradeItemReorderable

Attribute Name			Definition		
Lead Time			The normal delivery time measured from receipt of order by the seller until trade item is shipped by the seller.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Optional	I/10	0 or more	No
Examples			**Reference**		
4 days					
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
leadTime

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Lead Time	orderingLeadTime	orderingLeadTime

Attribute Name			Definition		
Lead Time UOM			Unit of measure to accompany Lead Time.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Dependent	VV/2	0 or More	No
Examples			**Reference**		
See *Data Source 1SYNC XML Guide* for 1SYNC XML example					
Additional Comments			**Business Case**		
Valid Value for this attribute: DA – Days For 1SYNC XML and Spreadsheet formats, this is an Optional attribute Becomes required if Lead Time attribute is populated. Lead Time UOM value is defaulted to "DA" (days) if a value is not provided for this attribute. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
leadTime/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Lead Time UOM	N/A*	orderingLeadTime unitOfMeasure

* Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Goods Pick Up Lead Time			Time (in weeks, days, hours) required between order entry and the earliest goods release (used for pickup, not used for delivery). Note about ordering lead time: Geographic distance from manufacturing / distribution point to delivery point impacts this value (relationship dependent data).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Optional	N/15,15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
goodsPickUpLeadTime

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Goods Pick Up Lead Time	goodsPickUpLeadTime	goodsPickUpLeadTime

Attribute Name			Definition		
Goods Pick Up Lead Time UOM			The unit of measure for the "Goods Pick Up Lead Time" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Dependent	VV/60	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Becomes required if "Goods Pick Up Lead Time" attribute is populated. Valid Values: DA = Days Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
goodsPickUpLeadTime/uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Goods Pick Up Lead Time UOM	*N/A	goodsPickupLeadTime unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Invoice Name			Free form information provider assigned trade item description designed to match trade item/service description as noted on invoices.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Optional	AN/35	0 or 1	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		
			A free form text field, this data element is repeatable for each language used.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
invoiceName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Invoice Name	invoiceName	invoiceName

Participant Dictionary

Attribute Name			Definition		
Product Range			A name used by a Brand Owner that spans multiple consumer categories or uses.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Ordering & Selling	Optional	AN/35	0 or 1	No
Examples			**Reference**		
The Waist Watcher product range includes salad dressings, receipt books, kitchen utensils, etc.					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productRange

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Product Range	productRange	productRange

Attribute Name			Definition		
Tax Rate			The tax rate applicable to the item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	N/38,15	0 or more	No
Examples			**Reference**		
Values must represent a percentage.					
Additional Comments			**Business Case**		
The following are dependent attributes – if one is populated, then all must be populated (note that this dependency is enforced upon item synchronization, NOT upon item load): • Tax Rate • Tax (Rate) Type Code • Tax (Rate) Type Description [if not populated, on the outbound CIN this value is defaulted to the value provided for Tax (Rate) Type Code] • Tax (Rate) Type Agency [if not populated, on the outbound CIN message this value is defaulted to the first 3 characters of the Tax (Rate) Type Code value provided]					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
taxRate/rate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Tax Rate	taxRate	tradeItemTaxInformation/tradeItemTaxRate/taxRate

Attribute Name			Definition		
Tax (Rate) Type Code			Identification of the type of duty or tax or fee applicable to the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	AN/14	0 or more	No
Examples			**Reference**		
VAT, GST, etc.					
Additional Comments			**Business Case**		
The following are dependent attributes – if one is populated, then all must be populated (note that this dependency is enforced upon item synchronization, NOT upon item load): • Tax Rate • Tax (Rate) Type Code • Tax (Rate) Type Description [if not populated, on the outbound CIN this value is defaulted to the value provided for Tax (Rate) Type Code] • Tax (Rate) Type Agency [if not populated, on the outbound CIN message this value is defaulted to the first 3 characters of the Tax (Rate) Type Code value provided] Note: Prior to the release of IM R6.0, this attribute was named "Tax Type".			This will vary by Target Market.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
taxRate/typeCode

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Tax (Rate) Type Code	taxTypeCode	tradeItemTaxInformation/tradeItemTaxRate/taxRate/taxAgency/taxAgencyCode, taxTypeCode, taxTypeDescription

Attribute Name			Definition		
Tax (Rate) Type Description			Text description of tax type code.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	AN/35	0 or more	No
Examples			**Reference**		
"Taxes sure les supports audio"					
Additional Comments			**Business Case**		
The following are dependent attributes – if one is populated, then all must be populated (note that this dependency is enforced upon item synchronization, NOT upon item load): • Tax Rate • Tax (Rate) Type Code • Tax (Rate) Type Description [if not populated, on the outbound CIN this value is defaulted to the value provided for Tax (Rate) Type Code] • Tax (Rate) Type Agency [if not populated, on the outbound CIN message this value is defaulted to the first 3 characters of the Tax (Rate) Type Code value provided]					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
taxRate/typeDescription

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Tax (Rate) Type Description	tradeItemTaxRate taxTypeDescription	tradeItemTaxRate taxTypeDescription

Attribute Name			Definition		
Tax (Rate) Type Agency			Identifies the agency responsible for the tax code list		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	AN/3	0 or more	No
Examples			**Reference**		
X1 = BE, ICODIF/EAN Belgium – Luxembourg					
Additional Comments			**Business Case**		
The following are dependent attributes – if one is populated, then all must be populated (note that this dependency is enforced upon item synchronization, NOT upon item load): • Tax Rate • Tax (Rate) Type Code • Tax (Rate) Type Description [if not populated, on the outbound CIN this value is defaulted to the value provided for Tax (Rate) Type Code] • Tax (Rate) Type Agency [if not populated, on the outbound CIN message this value is defaulted to the first 3 characters of the Tax (Rate) Type Code value provided]					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
taxRate/agencyCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Tax (Rate) Type Agency	tradeItemTaxRate taxAgencyCode	tradeItemTaxRate taxAgencyCode

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Participant Dictionary

Attribute Name			Definition		
Tax Rate Applicability Code			Depicts the applicability of the tax rate for a trade item for example zero, low or exempt.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	VV/35	0 to 50	N
Examples			**Reference**		
APPLICABLE			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
taxRate/taxRateApplicabilityCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Tax Rate Applicability Code	taxApplicabilityCode	tradeItemTaxInformation tradeItemTaxRate taxAgency taxApplicabilityCode

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Attribute Name			Definition		
Tax Amount			The current tax or duty or fee amount applicable to the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	N/21,4	0 or more	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: If this attribute is populated, then all of the following attributes must also be populated: • Tax Amount Currency • Tax (Amount) Type Code • Tax (Amount) Type Description [if not populated, on the outbound CIN this value is defaulted to the value provided for Tax (Amount) Type Code] • Tax (Amount) Type Agency			As monetary amount field, this data element must be associated with a valid currency. Tax Rate and Tax Amount are mutually exclusive for each tax type.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
taxAmount/amount

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Tax Amount	tradeItemTaxAmount taxAmount	tradeItemTaxAmount taxAmount

Attribute Name			Definition		
Tax Amount Currency			Currency code for "Tax Amount" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	VV/60	0 or more	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Currency Code valid values.		
Additional Comments			**Business Case**		
The following are dependent attributes – if one is populated, then all must be populated: • Tax Amount Currency • Tax (Amount) Type Code • Tax (Amount) Type Description [if not populated, on the outbound CIN this value is defaulted to the value provided for Tax (Amount) Type Code] • Tax (Amount) Type Agency					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
taxAmount/currency

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Tax Amount Currency	tradeItemTaxAmount taxAmount ISOCurrencyCode	tradeItemTaxAmount taxAmount ISOCurrencyCode

Attribute Name			Definition		
Tax (Amount) Type Code			Identification of the type of duty or tax or fee applicable to the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	AN/14	0 or more	No
Examples			**Reference**		
"3001000002138"					
Additional Comments			**Business Case**		
The following are dependent attributes – if one is populated, then all must be populated: • Tax Amount Currency • Tax (Amount) Type Code • Tax (Amount) Type Description [if not populated, on the outbound CIN this value is defaulted to the value provided for Tax (Amount) Type Code] • Tax (Amount) Type Agency			This will vary by target market.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
taxAmount/typeCode

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Tax (Amount) Type Code	tradeItemTaxAmount taxTypeCode	tradeItemTaxAmount taxTypeCode

Attribute Name			Definition		
Tax (Amount) Type Description			Text description of Tax (Amount) Type Code.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	AN/35	0 or more	No
Examples			**Reference**		
"Taxes sure les supports audio"					
Additional Comments			**Business Case**		
The following are dependent attributes – if one is populated, then all must be populated: • Tax Amount Currency • Tax (Amount) Type Code • Tax (Amount) Type Description [if not populated, on the outbound CIN this value is defaulted to the value provided for Tax (Amount) Type Code] • Tax (Amount) Type Agency					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
taxAmount/typeDescription

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Tax (Amount) Type Description	tradeItemTaxAmount taxTypeDescription	tradeItemTaxAmount taxTypeDescription

Participant Dictionary

Attribute Name			Definition		
Tax (Amount) Type Agency			Identifies the agency responsible for the tax code list		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	AN/3	0 or more	No
Examples			**Reference**		
X1 = BE, ICODIF/EAN Belgium – Luxembourg					
Additional Comments			**Business Case**		
The following are dependent attributes – if one is populated, then all must be populated: • Tax Amount Currency • Tax (Amount) Type Code • Tax (Amount) Type Description [if not populated, on the outbound CIN this value is defaulted to the value provided for Tax (Amount) Type Code] • Tax (Amount) Type Agency					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
taxAmount/agencyCode

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Tax (Amount) Type Agency	tradeItemTaxAmount taxAgencyCode	tradeItemTaxAmount taxAgencyCode

Attribute Name			Definition		
Tax Amount Applicability Code			Depicts the applicability of the tax amount for a trade item for example zero, low or exempt.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	VV/35	0 to 50	N
Examples			**Reference**		
APPLICABLE			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
taxAmount/taxAmountApplicabilityCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Tax Amount Applicability Code	taxApplicabilityCode	tradeItemTaxInformation tradeItemTaxAmount taxAgency taxApplicabilityCode

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Participant Dictionary

Attribute Name			Definition		
List Price Effective Start Date			This is the effective start date of the price agreed to by the trading partners. This start date is mandatory and, if no end date is communicated, then implies that the price is effective until further notice. Various types of dates may be pre-aligned between buyer and seller. For example, based upon a prior agreement between trading partners this date may relate to any of the following events: first order date, first ship date, and first arrival date.		
Global/TM	IM GUI Tab	M/O/D	Type/Size	Occurrence	Lang Specific
TM	Price & Tax	Dependent	Date	0 or 1	No
Examples			Reference		
Additional Comments			Business Case		

Note: This value becomes required when List Price is provided.

Please note that in the GDSN CIN (Item Sync) message, the following are dependent attributes -- all three must be populated in order for any of the list price attributes to be synchronized:
- List Price
- List Price Currency
- List Price Effective Start Date

Note that for the GDSN CIN, if List Price Basis Per Unit and List Price Basis Per Unit UOM are populated, 1SYNC will enforce that the value for the List Price Basis Per Unit UOM is equivalent to the IM Product Type and that List Price Basis Per Unit = 1. If this is not true, List Price, List Price Currency, List Price Effective Start Date, and List Price Effective End Date will not be synchronized and you will not receive a GDSN error.

If List Price Basis Per Unit and List Price Basis Per Unit UOM are not populated, List Price, List Price Currency, List Price Effective Start Date and List Price Effective End Date will synchronize assuming all other validations are passed.

Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
cataloguePrice/effectiveStartDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
List Price Effective Start Date	effectiveStartDate	cataloguePrice/effectiveStartDate

Attribute Name			Definition		
List Price Effective End Date			The effective end date of the price is optional based upon the agreement by the trading partners. If an invalid end date is communicated, then it is implied that the price and its effective date are effective until further notice. Examples of invalid dates include 99/99/9999, 00/00/0000, blank, etc. These invalid end dates should not be communicated. Various types of dates may be pre-aligned between buyer and seller. For example, based upon a prior agreement between trading partners this date may relate to any of the following events: last order date, last ship date, and last arrival date.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	Date	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

Please note that if you wish to synchronize this attribute in the GDSN CIN (Item Sync) message, ALL of the following attributes must also be populated:

- List Price
- List Price Currency
- List Price Effective Start Date

Note that for the GDSN CIN, if List Price Basis Per Unit and List Price Basis Per Unit UOM are populated, 1SYNC will enforce that the value for the List Price Basis Per Unit UOM is equivalent to the IM Product Type and that List Price Basis Per Unit = 1. If this is not true, List Price, List Price Currency, List Price Effective Start Date, and List Price Effective End Date will not be synchronized and you will not receive a GDSN error.

If List Price Basis Per Unit and List Price Basis Per Unit UOM are not populated, List Price, List Price Currency, List Price Effective Start Date and List Price Effective End Date will synchronize assuming all other validations are passed.

Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
cataloguePrice/effectiveEndDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
List Price Effective End Date	effectiveEndDate	cataloguePrice/effectiveEndDate

Participant Dictionary

Attribute Name			Definition		
List Price			The gross price before application of any discounts, allowances, charges, taxes, etc. The value represented is the price that the manufacturer expects to receive for the trade item or service from any buyer prior to any relationship specific negotiations.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
"USD 49.50"					
Additional Comments			**Business Case**		
Please note that in the GDSN CIN (Item Sync) message, the following are dependent attributes -- all three must be populated in order for any of the list price attributes to be synchronized: • List Price • List Price Currency • List Price Effective Start Date Note that for the GDSN CIN, if List Price Basis Per Unit and List Price Basis Per Unit UOM are populated, 1SYNC will enforce that the value for the List Price Basis Per Unit UOM is equivalent to the IM Product Type and that List Price Basis Per Unit = 1. If this is not true, List Price, List Price Currency, List Price Effective Start Date, and List Price Effective End Date will not be synchronized and you will not receive a GDSN error. If List Price Basis Per Unit and List Price Basis Per Unit UOM are not populated, List Price, List Price Currency, List Price Effective Start Date and List Price Effective End Date will synchronize assuming all other validations are passed. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.			As monetary amount field, this data element must be associated with a valid unit of measures.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)

cataloguePrice/price

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
List Price	cataloguePrice	cataloguePrice/tradeItemPrice/value

Attribute Name			Definition		
List Price Basis Per Unit			Indicate the number of units from "List Price" that apply to the "List Price".		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
$2.00 per 5 lb, 5 is the basis per unit					
Additional Comments			**Business Case**		
Please note that in the GDSN CIN (Item Sync) message, the following are dependent attributes -- all three must be populated in order for any of the list price attributes to be synchronized: • List Price • List Price Currency • List Price Effective Start Date Note that for the GDSN CIN, if List Price Basis Per Unit and List Price Basis Per Unit UOM are populated, 1SYNC will enforce that the value for the List Price Basis Per Unit UOM is equivalent to the IM Product Type and that List Price Basis Per Unit = 1. If this is not true, List Price, List Price Currency, List Price Effective Start Date, and List Price Effective End Date will not be synchronized and you will not receive a GDSN error. If List Price Basis Per Unit and List Price Basis Per Unit UOM are not populated, List Price, List Price Currency, List Price Effective Start Date and List Price Effective End Date will synchronize assuming all other validations are passed. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
cataloguePrice/basisPerUnit

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
List Price Basis Per Unit	tradeItemPriceBasisQuantity	tradeItemPriceBasisQuantity

Attribute Name			Definition		
List Price Basis Per Unit UOM			Unit of measure for "List Price Basis Per Unit" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
Each, pound, liter			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for "UOM" valid values.		
Additional Comments			**Business Case**		
Becomes required if "List Price Basis Per Unit" attribute is populated. Please note that in the GDSN CIN (Item Sync) message, the following are dependent attributes -- all three must be populated in order for any of the list price attributes to be synchronized: • List Price • List Price Currency • List Price Effective Start Date Note that for the GDSN CIN, if List Price Basis Per Unit and List Price Basis Per Unit UOM are populated, 1SYNC will enforce that the value for the List Price Basis Per Unit UOM is equivalent to the IM Product Type and that List Price Basis Per Unit = 1. If this is not true, List Price, List Price Currency, List Price Effective Start Date, and List Price Effective End Date will not be synchronized and you will not receive a GDSN error. If List Price Basis Per Unit and List Price Basis Per Unit UOM are not populated, List Price, List Price Currency, List Price Effective Start Date and List Price Effective End Date will synchronize assuming all other validations are passed. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)

cataloguePrice/basisPerUnit/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
List Price Basis Per Unit UOM	tradeItemPriceBasisQuantity/UOM	tradeItemPriceBasisQuantity\UOM

Participant Dictionary

Attribute Name			Definition		
List Price Currency			Currency by which list price is measured.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	VV/3	0 or 1	No
Examples			**Reference**		
"USD"			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Currency Code valid values.		
Additional Comments			**Business Case**		
Becomes required if "List Price" attribute is populated. Please note that in the GDSN CIN (Item Sync) message, the following are dependent attributes -- all three must be populated in order for any of the list price attributes to be synchronized: • List Price • List Price Currency • List Price Effective Start Date Note that for the GDSN CIN, if List Price Basis Per Unit and List Price Basis Per Unit UOM are populated, 1SYNC will enforce that the value for the List Price Basis Per Unit UOM is equivalent to the IM Product Type and that List Price Basis Per Unit = 1. If this is not true, List Price, List Price Currency, List Price Effective Start Date, and List Price Effective End Date will not be synchronized and you will not receive a GDSN error. If List Price Basis Per Unit and List Price Basis Per Unit UOM are not populated, List Price, List Price Currency, List Price Effective Start Date and List Price Effective End Date will synchronize assuming all other validations are passed. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
cataloguePrice/price/currency

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
List Price Currency	N/A	cataloguePrice/tradeItemPrice/currencyCode/currencyISOCode

Participant Dictionary

Attribute Name			Definition		
List Price Sheet Name			The Price Sheet to which a price belongs. A price list is a list of prices of goods and services which are to be used or supplied during a period of time.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	AN/70	0 or 1	No
Examples			**Reference**		
"USD"					
Additional Comments			**Business Case**		
This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
cataloguePrice/sheetName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
List Price Sheet Name	cataloguePrice/sheetName	cataloguePrice/sheetName

Attribute Name			Definition		
Suggested Retail Price Effective Start Date			This is the effective start date of the price agreed to by the trading partners. This start date is mandatory and, if no end date is communicated, then implies that the price is effective until further notice. Various types of dates may be pre-aligned between buyer and seller. For example, based upon a prior agreement between trading partners this date may relate to any of the following events: first order date, first ship date, and first arrival date.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	Date	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

Note: Value becomes required when "Suggested Retail Price" is populated. Please note that in the GDSN CIN (Item Sync) message, the following are dependent attributes -- all three must be populated in order for any of the list price attributes to be synchronized:	
• Suggested Retail Price • Suggested Retail Price Currency • Suggested Retail Price Effective Start Date	

Note that for the GDSN CIN, if Suggested Retail Price Basis Per Unit and Suggested Retail Price Basis Per Unit UOM are populated, 1SYNC will enforce that the value for the Suggested Retail Price Basis Per Unit UOM is equivalent to the IM Product Type and that Suggested Retail Price Basis Per Unit = 1. If this is not true, Suggested Retail Price, Suggested Retail Price Currency, Suggested Retail Price Effective Start Date and Suggested Retail Price Effective End Date will not be synchronized and you will not receive a GDSN error.

If Suggested Retail Price Basis Per Unit and Suggested Retail Price Basis Per Unit UOM are not populated, Suggested Retail Price, Suggested Retail Price Currency, Suggested Retail Price Effective Start Date and Suggested Retail Price Effective End Date will synchronize assuming all other validations are passed.

Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
suggestedRetail/effectiveStartDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Suggested Retail Price Effective Start Date	effectiveStartDate	suggestedRetailPrice/effectiveStartDate

Attribute Name			Definition		
Suggested Retail Price Effective End Date			The effective end date of the price is optional based upon the agreement by the trading partners. If an invalid end date is communicated, then it is implied that the price and its effective date are effective until further notice. Examples of invalid dates include 99/99/9999, 00/00/0000, blank, etc. These invalid end dates should not be communicated. Various types of dates may be pre-aligned between buyer and seller. For example, based upon a prior agreement between trading partners this date may relate to any of the following events: last order date, last ship date, and last arrival date.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	Date	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

Please note that in the GDSN CIN (Item Sync) message, the following are dependent attributes -- all three must be populated in order for any of the list price attributes to be synchronized:
- Suggested Retail Price
- Suggested Retail Price Currency
- Suggested Retail Price Effective Start Date

Note that for the GDSN CIN, if Suggested Retail Price Basis Per Unit and Suggested Retail Price Basis Per Unit UOM are populated, 1SYNC will enforce that the value for the Suggested Retail Price Basis Per Unit UOM is equivalent to the IM Product Type and that Suggested Retail Price Basis Per Unit = 1. If this is not true, Suggested Retail Price, Suggested Retail Price Currency, Suggested Retail Price Effective Start Date and Suggested Retail Price Effective End Date will not be synchronized and you will not receive a GDSN error.

If Suggested Retail Price Basis Per Unit and Suggested Retail Price Basis Per Unit UOM are not populated, Suggested Retail Price, Suggested Retail Price Currency, Suggested Retail Price Effective Start Date and Suggested Retail Price Effective End Date will synchronize assuming all other validations are passed.

Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
suggestedRetail/effectiveEndDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Suggested Retail Price Effective End Date	effectiveEndDate	suggestedRetailPrice/effectiveEndDate

Participant Dictionary

Attribute Name			Definition		
Suggested Retail Price			The retail (to consumer) price as suggested by the manufacturer. This is normally used to establish a proposed value for the trade item for marketing purposes. May or may not appear on the package. May be used as a guideline by the retailer to establish their actual retail price.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
"EUR 36", "USD 17.45"					

Additional Comments	Business Case
Note: Suggested Retail Price is mapped to two different attributes in the GDSN CIN based on the following conditions: Condition 1: If you wish to synchronize this attribute in the GDSN CIN (Item Sync) message, ALL of the three attributes below must be populated in order for any of the attributes to be synchronized: • Suggested Retail Price • Suggested Retail Price Currency • Suggested Retail Price Effective Start Date Note that for the GDSN CIN, if Suggested Retail Price Basis Per Unit and Suggested Retail Price Basis Per Unit UOM are populated, 1SYNC will enforce that the value for the Suggested Retail Price Basis Per Unit UOM is equivalent to the IM Product Type and that Suggested Retail Price Basis Per Unit = 1. If this is not true, Suggested Retail Price, Suggested Retail Price Currency, Suggested Retail Price Effective Start Date and Suggested Retail Price Effective End Date will not be synchronized and you will not receive a GDSN error. If Suggested Retail Price Basis Per Unit and Suggested Retail Price Basis Per Unit UOM are not populated, Suggested Retail Price, Suggested Retail Price Currency, Suggested Retail Price Effective Start Date and Suggested Retail Price Effective End Date will synchronize assuming all other validations are passed. Condition 2: Note: If 1SYNC attribute "Retail Price on Trade Item" is NOT populated AND the "Pricing on Product" attribute = 'Yes/true', then the value populated for this attribute ("Suggested Retail Price") will be mapped in the GDSN CIN attribute retailPriceOnTradeItem. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.	As monetary amount field, this data element must be associated with a valid unit of measures.

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
suggestedRetail/price OR retailPriceOnTradeItem (See Additional Comments above for Mapping Logic)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Suggested Retail Price	suggestedRetailPrice	suggestedRetailPrice/tradeItemPrice/value
Suggested Retail Price	retailPriceOnTradeItem	priceOnTradeItem/retailPriceOnTradeItem/priceAmount

Attribute Name			Definition		
Suggested Retail Price Basis Per Unit			Indicate the number of units from "Suggested Retail Price".		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
$2.00 per 5 lb, 5 is the basis per unit					
Additional Comments			**Business Case**		
Please note that in the GDSN CIN (Item Sync) message, the following are dependent attributes -- all three must be populated in order for any of the list price attributes to be synchronized: - Suggested Retail Price - Suggested Retail Price Currency - Suggested Retail Price Effective Start Date Note that for the GDSN CIN, if Suggested Retail Price Basis Per Unit and Suggested Retail Price Basis Per Unit UOM are populated, 1SYNC will enforce that the value for the Suggested Retail Price Basis Per Unit UOM is equivalent to the IM Product Type and that Suggested Retail Price Basis Per Unit = 1. If this is not true, Suggested Retail Price, Suggested Retail Price Currency, Suggested Retail Price Effective Start Date and Suggested Retail Price Effective End Date will not be synchronized and you will not receive a GDSN error. If Suggested Retail Price Basis Per Unit and Suggested Retail Price Basis Per Unit UOM are not populated, Suggested Retail Price, Suggested Retail Price Currency, Suggested Retail Price Effective Start Date and Suggested Retail Price Effective End Date will synchronize assuming all other validations are passed. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
suggestedRetail/basisPerUnit (Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Suggested Retail Price Basis Per Unit	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Suggested Retail Price Basis UOM			Unit of measure for "Suggested Retail Price per Unit" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
Each, pound, liter			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for "UOM" valid values.		
Additional Comments			**Business Case**		

Becomes required if "Suggested Retail Price per Unit" attribute is populated.

Please note that in the GDSN CIN (Item Sync) message, the following are dependent attributes -- all three must be populated in order for any of the list price attributes to be synchronized:

- Suggested Retail Price
- Suggested Retail Price Currency
- Suggested Retail Price Effective Start Date

Note that for the GDSN CIN, if Suggested Retail Price Basis Per Unit and Suggested Retail Price Basis Per Unit UOM are populated, 1SYNC will enforce that the value for the Suggested Retail Price Basis Per Unit UOM is equivalent to the IM Product Type and that Suggested Retail Price Basis Per Unit = 1. If this is not true, Suggested Retail Price, Suggested Retail Price Currency, Suggested Retail Price Effective Start Date and Suggested Retail Price Effective End Date will not be synchronized and you will not receive a GDSN error.

If Suggested Retail Price Basis Per Unit and Suggested Retail Price Basis Per Unit UOM are not populated, Suggested Retail Price, Suggested Retail Price Currency, Suggested Retail Price Effective Start Date and Suggested Retail Price Effective End Date will synchronize assuming all other validations are passed.

Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
suggestedRetail/basisPerUnit/uom (Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Suggested Retail Price Basis UOM	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Suggested Retail Price Currency			Currency by which recommended sales price is measured.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	VV/3	0 or 1	No
Examples			**Reference**		
"USD"			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Currency Code valid values.		
Additional Comments			**Business Case**		

Becomes required if "Suggested Retail Price" attribute is populated.

Please note that in the GDSN CIN (Item Sync) message, the following are dependent attributes -- all three must be populated in order for any of the list price attributes to be synchronized:

- Suggested Retail Price
- Suggested Retail Price Currency
- Suggested Retail Price Effective Start Date

Note that for the GDSN CIN, if Suggested Retail Price Basis Per Unit and Suggested Retail Price Basis Per Unit UOM are populated, 1SYNC will enforce that the value for the Suggested Retail Price Basis Per Unit UOM is equivalent to the IM Product Type and that Suggested Retail Price Basis Per Unit = 1. If this is not true, Suggested Retail Price, Suggested Retail Price Currency, Suggested Retail Price Effective Start Date and Suggested Retail Price Effective End Date will not be synchronized and you will not receive a GDSN error.

If Suggested Retail Price Basis Per Unit and Suggested Retail Price Basis Per Unit UOM are not populated, Suggested Retail Price, Suggested Retail Price Currency, Suggested Retail Price Effective Start Date and Suggested Retail Price Effective End Date will synchronize assuming all other validations are passed.

Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
suggestedRetail/price/currency

1SYNC IM GUI Field	BMS 2.8	GDSN CIN

Suggested Retail Price Currency	N/A	suggestedRetailPrice/tradeItemPrice /currencyCode/currencyISOCode

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Attribute Name			Definition		
Suggested Retail Price Sheet Name			The Price Sheet to which a price belongs. A price list is a list of prices of goods and services which are to be used or supplied during a period of time.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	AN/70	0 or 1	No
Examples			**Reference**		
"USD"					
Additional Comments			**Business Case**		
This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
suggestedRetail/sheetName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Suggested Retail Price Sheet Name	suggestedRetailPrice/sheetName	suggestedRetailPrice/sheetName

Attribute Name			Definition		
Retail Price On Trade Item			The retail price as marked on the trade item package.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	N/25,4	0 or More	No
Examples			**Reference**		
"USD 1.00", "EUR 36", "USD 17.45"					
Additional Comments			**Business Case**		
Note: If this attribute is NOT populated AND the "Pricing On Product" attribute = TRUE, then the value populated for "Suggested Retail Price" will be mapped in the GDSN CIN attribute retailPriceOnTradeItem.			As monetary amount field, this data element must be associated with a valid unit of measure. GTIN allocation rules state that price is not a relevant criteria for changing a GTIN except when the price is printed as a part of the trade item's packaging. Cannot vary per Target Market.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
retailPriceOnTradeItem

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Retail Price On Trade Item	retailPriceOnTradeItem	retailPriceOnTradeItem

Attribute Name			Definition		
Retail Price On Trade Item Currency			Currency Code for "Retail Price on Trade Item" attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	VV/60	0 or More	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Currency Code valid values.		
Additional Comments			**Business Case**		
Required if "Retail Price On Trade Item" is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
retailPriceOnTradeItem/currency

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Retail Price On Trade Item Currency	retailPriceOnTradeItem currencyCode	retailPriceOnTradeItem currencyCode

Participant Dictionary

Attribute Name			Definition		
Price Comparison Content Type			Code indicating how the value populated for Price Comparison Measurement is used to calculate the comparative price, which is printed on shelf labels.		
Global/TM	**Group**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	VV/60	0 or 1	No
Examples			**Reference**		
See Price Comparison Measurement for example			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
"Price Comparison Measurement" value is required if this attribute is populated					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
priceComparisonContentType

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Price Comparison Content Type	priceComparisonContentType	priceComparisonContentType

Participant Dictionary

Attribute Name			Definition		
Price Comparison Measurement			The quantity of the product at usage. Applicable for concentrated products and products where the comparison price is calculated based on a measurement other than Net Content.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	N/15, 15	0 or 1	No
Examples			**Reference**		
Laundry detergent net content/UOM = 175 oz Laundry detergent states 80 loads In this example to derive Price Comparison Measurement divide net content by the number of loads Price Comparison Measurement/UOM = 2.1875 oz					
Additional Comments			**Business Case**		
This field becomes required when the "Price Comparison Content Type" attribute is populated. Price Comparison Measurement UOM becomes required if this attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
priceComparisonMeasurement

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Price Comparison Measurement	priceComparisonMeasurement	priceComparisonMeasurement

Attribute Name			Definition		
Price Comparison Measurement UOM			The Unit of Measure associated with the Price Comparison Measurement Value		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Dependent	VV/60	0 or 1	No
Examples			**Reference**		
See "Price Comparison Measurement" attribute for example			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for "Selling Ordering UOM" valid values.		
Additional Comments			**Business Case**		
"Price Comparison Measurement" attribute becomes required if this attribute is populated					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
priceComparisonMeasurement/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Price Comparison Measurement UOM	N/A*	PriceComparisonMeasurement unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Price By Measure Type			Indicator to show how a product is sold.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	Optional	VV/60	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
priceByMeasureType

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Price By Measure Type	priceByMeasureType	priceByMeasureType

Attribute Name			Definition		
Is Trade Base Price Declaration Relevant?			An indicator whether this item is mandated to have price comparison information included according to country specific pricing directives.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Price & Tax	O	VV/60	0 or More	N
Examples			**Reference**		
"TRUE", "FALSE", "UNSPECIFIED"			See 1SYNC IM Valid Values document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isTradeBasePriceDeclarationRelevant

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Trade Base Price Declaration Relevant?	isBasePriceDeclarationRelevant	isBasePriceDeclarationRelevant

Participant Dictionary

Attribute Name			Definition		
Campaign Start Date			The date suggested by the supplier for the campaign to start. It indicates the beginning of a marketing campaign.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Optional	Date	0 or 1	No
Examples			**Reference**		
2006-03-01					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
campaignStartDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Campaign Start Date	campaignStartDate	campaignStartDate

Attribute Name			Definition		
Campaign End Date			The date suggested by the supplier for the campaign to end. It indicates the end of a marketing campaign.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Optional	Date	0 or 1	No
Examples			**Reference**		
2006-05-01					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
campaignEndDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Campaign End Date	campaignEndDate	campaignEndDate

Attribute Name			Definition		
Campaign Name			Name of the sales or marketing campaign, for which the textile trade item is intended. Input of user-defined text in order to assign the item to a specific marketing campaign. Used to specify promotions, marketing.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Optional	AN/70	0 or 1	Yes
Examples			**Reference**		
Home Fashion theme such as 'Alexandra' or an Apparel theme such as '501 Blue'.					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
campaignName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Campaign Name	campaignName	campaignName

Attribute Name			Definition		
Marketing Message			Marketing message associated with the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Optional	AN/1000	0 or 1	Yes
Examples			**Reference**		
'Quality in Style'					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemMarketingMessage

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Marketing Message	tradeItemMarketingMessage	tradeItemMarketingMessage

Attribute Name			Definition		
Feature Benefit			Element for consumer facing marketing content to describe the key features or benefits of the style suitable for display purposes. Needed for marketing to enable product comparison.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Optional	AN/70	0 or 1	Yes
Examples			**Reference**		
"pre-shrunk"					
Additional Comments			**Business Case**		
Note: Prior to the release of IM R6.0, this attribute was named "Featured Product Description".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemFeatureBenefit

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Feature Benefit	tradeItemFeatureBenefit	tradeItemFeatureBenefit

Participant Dictionary

Attribute Name			Definition		
Target Consumer Age			Identifies the target consumer age range for which a trade item has been designed.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Optional	AN/70	0 or 1	Yes
Examples			**Reference**		
0-6 months, 2-4 years, and juniors. The field format allows including a number (6), a number range (0-6 months, 2-4 years) or a category such as infants, teens, etc. target					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
targetConsumerAge

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Target Consumer Age	targetConsumerAge	targetConsumerAge

Attribute Name			Definition		
Target Consumer Gender			Identifies the target consumer gender for which a product has been designed.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Optional	VV/60	0 or 1	No
Examples			**Reference**		
Male, female, unisex (suitable to both genders).					
Additional Comments			**Business Case**		
Valid Values: MALE FEMALE UNISEX					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
targetConsumerGender

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Target Consumer Gender	targetConsumerGender	targetConsumerGender

Participant Dictionary

Attribute Name			Definition		
Consumer Usage Storage Instructions			Expresses in text the consumer storage and usage instructions of a product which are normally held on the label or accompanying the product. This information may or may not be labeled on the pack. Instructions may refer to a suggested storage temperature.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Optional	AN/1000	0 or 1	Yes
Examples			**Reference**		
"Refrigerate After Opening"					
Additional Comments			**Business Case**		
			A free form text field, this data element is repeatable for each language used.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
consumerUsageStorageInstructions

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Consumer Usage Storage Instructions	consumerUsageStorageInstructions	consumerUsageStorageInstructions

Attribute Name			Definition		
1SYNC Image Thumbnail Path			The path indicating where the image is stored on the 1SYNC IM image server goes in this field. Each participant will have a unique path assigned by 1SYNC. Full relational path expected with a '/' at the end. Validations will be done to check for the '/' at the end.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Dependent	AN/40	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Becomes required if "1SYNC Image Thumbnail File Name" attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
imageThumbnailPath

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
1SYNC Image Thumbnail Path	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
1SYNC Image Thumbnail File Name			If thumbnail images of GTIN will be uploaded to the 1SYNC IM image server, the file name must be included in "item add" or "item change" to serve as a pointer. The format should be File Name.File Extension. The extension should either be 'jpg' or 'gif' (case sensitive).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Dependent	AN/255	0 or 1	No
Examples			**Reference**		
(GTIN)_0000.jpg or (GTIN)_0000.gif					
Additional Comments			**Business Case**		
Becomes required if "1SYNC Image Thumbnail Path" attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
imageThumbnailFileName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
1SYNC Image Thumbnail File Name	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Seasonal Start Date			Indicates the start date of the trade item's seasonal availability. European Requirement: The seasonal availability can be different from the ordering time and especially from the dispatching time. The availability is more like an intention of the supplier as to how long he wants to offer the product. The dispatching time is more useful for the DC and the outlet warehousing.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Optional	Date	0 or more	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
seasonalAvailabilityStartDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Seasonal Start Date	seasonalAvailabilityStartDate	seasonalAvailabilityStartDate

Attribute Name			Definition		
Seasonal End Date			Indicates the end date of the trade item's seasonal availability. The seasonal availability can be different from the ordering time and especially from the dispatching time. The availability is more like an intention of the supplier as to how long he wants to offer the product. The dispatching time is more useful for the DC and the outlet warehousing.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Optional	Date	0 or more	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
seasonalAvailabilityEndDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Seasonal End Date	seasonalAvailabilityEndDate	seasonalAvailabilityEndDate

Attribute Name			Definition		
Season Calendar Year			Indicates the calendar year in which the trade item is seasonally available. This item is seasonally available in the year "2002". European Requirement. This element applies to cases where the supplier has items in many different seasons or if multiple calendar years were involved. This attribute might be considered as an implementation attribute that could be done in different manners in the GDSN and in the one-to-one environment. Can be used for merchandising.		
Global/TM	IM GUI Tab	M/O/D	Type/Size	Occurrence	Lang Specific
TM	Marketing	Optional	I/4	0 or more	No
Examples			Reference		
Additional Comments			Business Case		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
season/seasonCalendarYear

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Season Calendar Year	seasonCalendarYear	seasonCalendarYear

Attribute Name			Definition		
Season Name			Defines the season applicable to the item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Optional	AN/70	0 or more	Yes
Examples			**Reference**		
Holiday, back to school, Summer, Winter, etc. Special advertising actions, Winter end-of-season sales (WSV) or summer end-of-season sales (SSV).					
Additional Comments			**Business Case**		
			There can be a grouping of GTINs by season. Not covered by collection as a collection can have multiple seasons or vice versa, a season can have multiple collections.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
season/seasonName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Season Name	seasonName	seasonName

Attribute Name			Definition		
Season Parameter			Indication of the season in which the trade item is available; i.e., assignment to one of the following collection periods: Spring, Summer, Autumn, Winter, or All Year (available throughout the year). It is repeatable if more than one season is indicated. The seasonal parameter is more an information for the search of data.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Optional	VV/60	0 or more	No
Examples			**Reference**		
SPRING			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
season/seasonParameter

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Season Parameter	seasonParameter	seasonParameter

Attribute Name			Definition		
Is Trade Item Seasonal?			An indicator whether or not the trade item is only offered during certain parts of the year or targeted to different seasons.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Optional	VV/60	0 or More	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-Binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
season/isTradeItemSeasonal

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Trade Item Seasonal?	IsTradeItemSeasonal	isTradeItemSeasonal

Participant Dictionary

Attribute Name			Definition		
Link To External Description			The link (e.g., URL) to the external description.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing	Optional	AN/70	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: This attribute was removed from IM with Release 6.2.2 (February 2008)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
linkToExternalDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
N/A – removed from GUI with IM Release 6.2.2	linkToExternalDescription	linkToExternalDescription

Participant Dictionary

Attribute Name			Definition		
Type Of Information			Code identifying the purpose of the information contained in the external file.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing & Digital Asset Management (button)	Dependent	VV/60	0 or More	No
Examples			**Reference**		
"PRODUCT_LABEL_IMAGE", "MARKETING_INFORMATION", "PLANOGRAM"			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: If any of the following attributes are populated, this attribute becomes required: • Link Content Description • Uniform Resource Identifier • Link File Name • File Format Name • File Format Description • File Effective Start Date • File Effective End Date Note: When the value populated for "Type Of Information" is either PRODUCT_IMAGE or PLANOGRAM, then the following attributes become required: • Uniform Resource Identifier • File Effective Start Date • File Format Name • Link File Name Note:For Data Sources this attribute exists within two data sets independently. See Apepndix DM for more information.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
typeOfInformation

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Type Of Information	typeOfInformation	typeOfInformation

Attribute Name			Definition		
Uniform Resource Identifier			Simple text string that refers to a resource on the internet; URIs may refer to documents, resources, people, etc.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing & Digital Asset Management (button)	Optional	AN/512	0 or more	No
Examples			**Reference**		
Additional Comments			**Business Case**		
For 1WorldSync-Hosted Digital Asset Management: 1WorldSync determined. Read only field. Note: for 1WorldSync-hosted assets, the value for the Uniform Resource Identifier can be modified in order to render images per your specifications (e.g., scale, crop). Refer to the 1WorldSync document "Quick Guide for Rendering 1WorldSync hosted images" on the Solution Center. Note:For Data Sources this attribute exists within two data sets independently. See Apepndix DM for more information.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
uniformResourceIdentifier

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Uniform Resource Identifier	uniformResourceIdentifier	uniformResourceIdentifier

Participant Dictionary

Attribute Name			Definition		
Link File Name			The name of the file that contains the external information.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing & Digital Asset Management (button)	Dependent	AN/70	0 or 1	No
Examples			**Reference**		
Note: For Data Sources this attribute exists within two data sets independently. See Apepndix DM for more information. For 1WorldSync-Hosted Digital Asset Management: this attribute is mandatory if typeOf Information contains the value "PRODUCT_IMAGE". IM will default the value to the name of the file uploaded, but can be overwritten / updated.			GDSN file naming conventions should be followed for the File Name, which includes an identifier for the associated product(s). Please refer to the guidlines posted on the GS1 site at: http://www.gs1.org/sites/default/files/docs/gsmp/gdsn /Product_Image_Specification.pdf		
Additional Comments			**Business Case**		
Note: If the "Uniform Resource Identifier" attribute is populated, this attribute becomes required.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
externalFileLinkFileName

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Link File Name	fileName	fileName

Participant Dictionary

Attribute Name			Definition		
Link Content Description			For a link to a file external to the message itself, free form description of the content of the file.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing & Digital Asset Management (button)	Optional	AN/70	0 or more	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: For Data Sources this attribute exists within two data sets independently. See Apepndix DM for more information.			A free form text field, this data element is repeatable for each language used.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
externalFileLink/externalFileLinkContentDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Link Content Description	contentDescription	contentDescription

Attribute Name			Definition		
File Format Name			Name of the format of the file, commonly the three-character file extension.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing & Digital Asset Management (button)	Dependent	AN/10	0 or more	No
Examples			**Reference**		
Examples may include: "PDF", "JPEG", "BMP", "TIF", "TGA". For 1WorldSync-Hosted Digital Asset Management: See Appendix DM for a list of valid MIME Types.					
Additional Comments			**Business Case**		
Note: If the "Uniform Resource Identifier" attribute is populated, this attribute becomes required. Note:For Data Sources this attribute exists within two data sets independently. See Apepndix DM for more information. For 1WorldSync-Hosted Digital Asset Management: This attribute is mandatory if typeOfInformation contains the value "PRODUCT_IMAGE". IM will autopopulate based on the MIME type of the file., but can be overwritten / updated. At this time certain character sets are not supported for the file name (e.g. Chinese).					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
fileFormatName

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
File Format Name	fileFormatName	fileFormatName

Participant Dictionary

Attribute Name			Definition		
File Format Description			Free form description of the format of the file.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing & Digital Asset Management (button)	Optional	AN/70	0 or more	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: For Data Sources this attribute exists within two data sets independently. See Apepndix DM for more information.			A free form text field, this data element is repeatable for each language used.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
externalFileLink/fileFormatDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
File Format Description	fileFormatDescription	fileFormatDescription

Attribute Name			Definition		
File Effective Start Date			The date this image becomes the current image for this trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing & Digital Asset Management (button)	Dependent	Date/Time	0 or more	No
Examples			**Reference**		
"2002-02-05T17:00:00" February 5th 2002 5:00:00pm					
Additional Comments			**Business Case**		
Note: If present, This value must be earlier than "File Effective End Date". Note: If the "Uniform Resource Identifier" attribute is populated, this attribute becomes required. Note: For Data Sources this attribute exists within two data sets independently. See Apepndix DM for more information. For 1WorldSync-Hosted Digital Asset Management: Informational field only. (IM does not enable / disable the digital asset based on effective dates.)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
fileEffectiveStartDateTime

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
File Effective Start Date	fileEffectiveStartDateTime	fileEffectiveStartDateTime

Participant Dictionary

Attribute Name			Definition		
File Effective End Date			The date this image ceases to be the current image for this trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Marketing & Digital Asset Management (button)	Optional	Date/Time	0 or more	No
Examples			**Reference**		
"2002-02-05T17:00:00" February 5th 2002 5:00:00pm					
Additional Comments			**Business Case**		
Note: If present, This value must be greater than "File Effective Start Date". Note: For Data Sources this attribute exists within two data sets independently. See Apepndix DM for more information. For 1WorldSync-Hosted Digital Asset Management: Informational field only. (IM does not enable / disable the digital asset based on effective dates.)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
externalFileLink/fileEffectiveEndDateTime

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
File Effective End Date	fileEffectiveEndDateTime	fileEffectiveEndDateTime

Participant Dictionary

Attribute Name			Definition		
File Version			A description of the terms used by the manufacturer to denote the version of the digital asset.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	AN/70	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Read-only field. 1WorldSync determined. Version is incremented each time the Data Source replaces a digital asset (1, 2, 3, etc).					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: fileVersion

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
File Version	fileVersion	fileVersion

Participant Dictionary

Attribute Name			Definition		
File Size			The size of the file as it is stored in an uncompressed format.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	N/15,15	0 to many	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: Read-only field. 1WorldSync determined.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: fileSize

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
File Size	fileSize	fileSize

Participant Dictionary

Attribute Name			Definition		
File Size UOM			The unit of measure associated with the file size.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	D	VV	0 to 1	No
Examples			**Reference**		
Use 'AD' for Byte (or '2P' for Kilobyte or '4L' for Megabyte).			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: Read-only field. 1WorldSync determined.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: fileSize/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
File Size UOM	fileSize unitOfMeasure	fileSize unitOfMeasure

Participant Dictionary

Attribute Name			Definition		
File Pixel Height			The number of pixels along the vertical axis of the image.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	N/15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: Read-only field. 1WorldSync determined.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: filePixelHeight

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
File Pixel Height	filePixelHeight	filePixelHeight

Participant Dictionary

Attribute Name			Definition		
File Pixel Width			The number of pixels along the horizontal axis of the image.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	N/15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: Read-only field. 1WorldSync determined.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: filePixelWidth

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
File Pixel Width	filePixelWidth	filePixelWidth

Attribute Name			Definition		
File Print Height			The maximum measurement along the vertical axis of a printed representation of the file.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	N/15,15	0 to many	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: filePrintHeight

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
File Print Height	filePrintHeight	filePrintHeight

Participant Dictionary

Attribute Name			Definition		
File Print Height UOM			The unit of measure associated with the file print height.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	D	VV	0 to 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: If "File Print Height" is populated, this attribute is required.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: filePrintHeight/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
File Print Height UOM	filePrintHeight unitOfMeasure	filePrintHeight unitOfMeasure

Attribute Name			Definition		
File Print Width			The maximum measurement along the horizontal axis of a printed representation of the file.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	N/15,15	0 to many	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: filePrintWidth

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
File Print Width	filePrintWidth	filePrintWidth

Participant Dictionary

Attribute Name			Definition		
File Print Width UOM			The unit of measure associated with the file print width		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	D	VV	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: If "File Print Width" is populated, this attribute is required					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: filePrintWidth/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
File Print Width UOM	filePrintWidth unitOfMeasure	filePrintWidth unitOfMeasure

Attribute Name			Definition		
File Aspect Ratio			A description of the aspect ratio used to determine how a digital asset fits on a page or monitor.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	AN/70	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: fileAspectRatio

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
File Aspect Ratio	fileAspectRatio	fileAspectRatio

Participant Dictionary

Attribute Name			Definition		
File Colour Scheme Code			The type of colour scheme used in the digital asset.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	AN/35	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: fileColourSchemeCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
File Colour Scheme Code	fileColourSchemeCode	fileColourSchemeCode

Attribute Name			Definition		
File Camera Perspective			A description of the angle of perspective used by the camera in the capture of the digital asset.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	AN/70	0 to many	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: fileCameraPerspective

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
File Camera Perspective	fileCameraPerspective	fileCameraPerspective

Attribute Name			Definition		
Is File Background Transparent			An indicator of whether or not the background used in the file is transparent. Having a transparent background would allow a recipient to place the file into any setting necessary.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	VV	0 or 1	No
Examples			**Reference**		
FALSE, NOT_APPLICABLE, TRUE, UNSPECIFIED			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: isFileBackgroundTransparent

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is File Background Transparent	isFileBackgroundTransparent	isFileBackgroundTransparent

Participant Dictionary

Attribute Name			Definition		
Is File for Internal Use Only			An indicator whether or not the file is intended for internal use only and not for general publication.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	VV	0 or 1	No
Examples			**Reference**		
FALSE, NOT_APPLICABLE, TRUE, UNSPECIFIED			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: isFileForInternalUseOnly

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is File for Internal Use Only	isFileForInternalUseOnly	isFileForInternalUseOnly

Attribute Name			Definition		
Can Files Be Edited			An indicator of whether the user or recipient of the digital asset can edit it prior to use or as a function of using the asset. Some digital assets are designed such that the recipient can edit the asset to meet the needs of a final output.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	VV	0 or 1	No
Examples			**Reference**		
FALSE, NOT_APPLICABLE, TRUE, UNSPECIFIED			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: canFilesBeEdited

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Can Files Be Edited	canFilesBeEdited	canFilesBeEdited

Attribute Name			Definition		
Is Talent Release on File			An indicator whether or not the owner of the asset has a talent release on file. This applies to files where talent or a model is used.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	VV	0 or 1	No
Examples			**Reference**		
FALSE, NOT_APPLICABLE, TRUE, UNSPECIFIED			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: isTalentReleaseOnFile

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Talent Release on File	isTalentReleaseOnFile	isTalentReleaseOnFile

Participant Dictionary

Attribute Name			Definition		
File Usage Restriction			A description of any restrictions on the ability of the recipient's to use of the asset.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	AN/1000	0 to many	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: fileUsageRestriction

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Talent Release on File	fileUsageRestriction	fileUsageRestriction

Attribute Name			Definition		
Intended Publication Country			The country/countries in which the digital asset is designed to be used.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	VV	0 to many	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: Informational only. (1WorldSync does not apply logic based on this value of this field).					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: intendedPublicationCountry

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Intended Publication Country	intendedPublicationCountry	intendedPublicationCountry

Participant Dictionary

Attribute Name			Definition		
File Copyright Description			A description of any Copyright notice which pertains to the digital asset.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	AN/1000	0 to many	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: fileCopyrightDescription

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
File Copyright Description	fileCopyrightDescription	fileCopyrightDescription

Attribute Name			Definition		
File Disclaimer Information			A description expressing any disclaimers which pertain to the digital asset. (e.g. Item may be smaller than appears)		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Digital Asset Management (button)	O	AN/1000	0 to many	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Data Source: N/A Online GUI Entry Only - Data Recipient: fileDisclaimerInformation

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
File Disclaimer Information	fileDisclaimerInformation	fileDisclaimerInformation

Participant Dictionary

Attribute Name			Definition		
Primary image?			Indicates whether the image is the primary image.		
Global/TM	IM GUI Tab	M/O/D	Type/Size	Occurrence	Lang Specific
TM	Digital Asset Management (button) - underneath the image	O	Boolean (checkbox)	0 to 1	No
Examples			Reference		
Typically the front view of the product.					
Additional Comments			Business Case		
Note: Indicator is used for IM UI handling only, and is not communicated in the GDSN. Not a GDSN attribute. Not synchronized. Used for UI display purposes only. When an asset is marked as the primary it will display in the upper left hand corner of the IM GUI Header area.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
N/A

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Primary Image?	N/A	N/A

Participant Dictionary

Attribute Name			Definition		
Select Hazmat Sequence			Counter used to indicate a particular Hazardous Material number.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Default	N/A – System Generated	-	-
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: Prior to the release of IM R6.0, this attribute was named "Hazmat Number".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
N/A

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Select Hazmat Sequence	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Dangerous Goods Regulation Code			The classification system associated with the hazard code.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	VV/3	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for "Hazardous Type Classification System Code" valid values.		
Additional Comments			**Business Case**		
Note: Prior to the release of IM R6.0, this attribute was named "Hazardous Type Classification System".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousGoodsRegulationCode

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Dangerous Goods Regulation Code	dangerousGoodsRegulationCode	dangerousGoodsRegulationCode

Participant Dictionary

Attribute Name			Definition		
Dangerous Goods Class Code			A code specifying the hazard class the hazard code falls within. Standard codes for this field are not available at this time.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/4	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: Prior to the release of IM R6.0, this attribute was named "Haz Mat Class Code".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousGoods/classCode

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Dangerous Goods Class Code	classOfDangerousGoods	classOfDangerousGoods

Attribute Name			Definition		
Dangerous Goods Hazardous Code			The code value to indicate the type of hazard identified with this item. This data element will repeat if more than one hazard number is referenced. Standard codes for this field are not available at this time.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/10	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Must be at least 3 characters. Note: Prior to the release of IM R6.0, this attribute was named "Hazard Code".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousGoods/hazardousCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dangerous Goods Hazardous Code	dangerousGoodsHazardousCode	dangerousGoodsHazardousCode

Participant Dictionary

Attribute Name			Definition		
U.N. Dangerous Goods Number			A four-digit substance ID number as specified by the ADR agreement for international transport of dangerous goods.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/4	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: Prior to the release of IM R6.0, this attribute was named "Dangerous Goods Substance Identification".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousGoods/unDangerousGoodsNumber

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
U.N. Dangerous Goods Number	unitedNationsDangerousGoodsNumber	unitedNationsDangerousGoodsNumber

Attribute Name			Definition		
Flash Point Temperature			The flash point temperature for hazardous material.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	N/5,3	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
flashPointTemperature

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Flash Point Temperature	flashPointTemperature	flashPointTemperature

Attribute Name			Definition		
Flash Point Temperature UOM			This unit of measure for the "Flash Point Temperature" field.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Dependent	VV/2	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Becomes required if the "Flash Point Temperature" attribute is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
flashPointTemperature/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Flash Point Temperature UOM	N/A*	flashPointTemperature unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. depth UOM. An attribute such as depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the   attribute.

Attribute Name			Definition		
Dangerous Goods A Margin Number			Information, whether for the base trade item or further packaging trade item a dangerous goods a-margin number does exist in the European dangerous goods agreements (and in the respective national dangerous goods legislation), thus facilitations for the transport of defined limited quantity by road or rail are possible or not. If they are possible, they must be indicated, whether they are used by the data supplier.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/30	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousGoods/aMarginNumber

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dangerous Goods A Margin Number	dangerousGoodsAMarginNumber	dangerousGoodsAMarginNumber

Attribute Name			Definition		
ADR Tunnel Restriction Code			The ADR Tunnel Restriction Code is a code defined in ADR Chapter 8.6, which categorizes road tunnels into categories A to E. Adequate traffic signs regulate the transit of vehicles with dangerous goods. The tunnel restriction code (e.g. E) has to be stated within the transport papers.Trading Partners should look to the specific ADR documentation for current applicable code list values.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/70	0 or 1	No
Examples			**Reference**		
"A" "D/E"					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
hazardousMaterial/aDRTunnelRestrictionCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
ADR Tunnel Restriction Code	aDRTunnelRestrictionCode	aDRTunnelRestrictionCode

Participant Dictionary

Attribute Name			Definition		
ADR Dangerous Goods Limited Qty Code			A code defined by RID (Regulations concerning the International Carriage of Dangerous Goods by Rail) and ADR (Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route) specifying whether a dangerous good can be packaged in small quantities providing they are packaged and labelled in accordance with certain requirements		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/100	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
hazardousMaterial/aDRDangerousGoodsLimitedQuantitiesCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
ADR Dangerous Goods Limited Qty Code	aDRDangerousGoodsLimitedQuantitiesCode	aDRDangerousGoodsLimitedQuantitiesCode

Participant Dictionary

Attribute Name			Definition		
Dangerous Goods Regulation Agency			An indication of the classification system(s) of dangerous goods and the Agency(ies) responsible for it.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/70	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
hazardousMaterial/dangerousGoodsRegulationAgency

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dangerous Goods Regulation Agency	dangerousGoodsRegulationAgency	dangerousGoodsRegulationAgency

Participant Dictionary

Attribute Name			Definition		
Dangerous Goods Packing Group			Identifies the degree of risk these dangerous goods present during transport according to IATA/IMGD/ADR/RID regulations.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/30	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Hazardous attributes relate to supply chain handling like storage, transport, etc.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousGoods/packingGroup

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dangerous Goods Packing Group	dangerousGroupPackingGroup	dangerousGoodsPackingGroup

Attribute Name			Definition		
Hazmat Special Instructions			Special instructions for the hazardous material trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/350	0 or More	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: Can be populated in multiple languages.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
hazardousMaterial/dangerousGoods/specialInstructions (Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Hazmat Special Instructions	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Dangerous Goods Shipping Name			Shipping Name of the Item (dangerous good). The recognized Agencies, in their regulations, provide a list of all acceptable shipping names.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/200	0 or More	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: Can be populated in multiple languages.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
hazardousMaterial/dangerousGoods/shippingName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dangerous Goods Shipping Name	dangerousGoodsShippingName	dangerousGoodsShippingName

Attribute Name			Definition		
Dangerous Goods Technical Name			Chemical term of the trade item, listed by name and allowed in the substance list of GGVS (Dangerous Goods Ordinance for Roads) or GGVE (Dangerous Goods Ordinance for Rail). This is composed of both text and a language code. The language for text is specific.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/200	0 or More	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		
Hazardous attributes relate to supply chain handling like storage, transport, etc. Note: Can be populated in multiple languages.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
hazardousMaterial/dangerousGoods/technicalName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dangerous Goods Technical Name	dangerousGoodsTechnicalName	dangerousGoodsTechnicalName

Attribute Name			Definition		
Hazardous Material Additional Information			Any regulatory information required that is not specifically identified by any other hazardous material attribute.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/1000	0 or 1	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		
This attribute may accommodate Hazmat special instructions.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
hazardousMaterial/hazardousMaterialAdditionalInformation

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Hazardous Material Additional Information	hazardousMaterialAdditionalInformation	hazardousMaterialAdditionalInformation

Participant Dictionary

Attribute Name			Definition		
Net Explosive Mass			The measurement of the net explosive mass of the trade item for transport by road and rail according to a dangerous goods classification regulation.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	N/7,2	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
netExplosiveMass

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Net Explosive Mass	netMassOfExplosives	netMassOfExplosives

Attribute Name			Definition		
Net Explosive Mass UOM			The unit of measure associated with the attribute Net Explosive Mass.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Dependent	VV/3	0 or 1	No
Examples			**Reference**		
Becomes required if Net Explosive Mass is populated.			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for weight UOM valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
netExplosiveMass/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Net Explosive Mass UOM	netMassOfExplosive unitOfMeasure	netMassOfExplosive unitOfMeasure

Attribute Name			Definition		
Is Dangerous Substance?			Indicates if item is considered to be a dangerous substance.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	VV/60	0 or 1	No
Examples			**Reference**		
"TRUE", "FALSE", "UNSPECIFIED"			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-Binary Logic Codes valid values		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isDangerousSubstance

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Is Dangerous Substance?	isDangerousSubstance	isDangerousSubstance

Participant Dictionary

Attribute Name			Definition		
Dangerous Substance Name			The name of the Dangerous Substance being described.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/70	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)		
dangerousSubstanceName		
1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Dangerous Substance Name	dangerousSubstanceName	dangerousSubstanceName

Participant Dictionary

Attribute Name			Definition		
External Agency Name			The name of the agency that manages a code list external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/200	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/dangerousSubstancesWasteCode/externalAgencyName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
External Agency Name	dangerousSubstancesWasteCode/ externalAgencyName	dangerousSubstancesWasteCode/ externalAgencyName

Participant Dictionary

Attribute Name			Definition		
External Code List Name			The name of the agency that manages a code list external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/200	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/dangerousSubstancesWasteCode/externalCodeListName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
External Code List Name	dangerousSubstancesWasteCode/ externalCodeListName	dangerousSubstancesWasteCode/ externalCodeListName

Participant Dictionary

Attribute Name			Definition		
External Code List Version			The version of the code list maintained by an agency external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/200	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/dangerousSubstancesWasteCode/externalCodeListVersion

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
External Code List Version	dangerousSubstancesWasteCode/ externalCodeListVersion	dangerousSubstancesWasteCode/ externalCodeListVersion

Participant Dictionary

Attribute Name			Definition		
Dangerous Substances Waste Code Value			Code List Value maintained by an external code list agency.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/200	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/dangerousSubstancesWasteCode/dangerousSubstancesWasteCodeValueInformation/dangerousSubstancesWasteCodeValue

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dangerous Substances Waste Code Value	dangerousSubstancesWasteCode/ dangerousSubstancesWasteCode ValueInformation/dangerousSubs tancesWasteCodeValue	dangerousSubstancesWasteCode/ dangerousSubstancesWasteCode ValueInformation/dangerousSubs tancesWasteCodeValue

Participant Dictionary

Attribute Name			Definition		
Dangerous Substances Waste Code Definition			Definition of the code list value maintained by an external code list agency		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/1000	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/dangerousSubstancesWasteCode/dangerousSubstancesWasteCodeValueInformation/dangerousSubstancesWasteCodeDefinition

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dangerous Substances Waste Code Definition	dangerousSubstancesWasteCode/ dangerousSubstancesWasteCode ValueInformation/dangerousSubs tancesWasteCodeDefinition	dangerousSubstancesWasteCode/ dangerousSubstancesWasteCode ValueInformation/dangerousSubs tancesWasteCodeDefinition

Attribute Name			Definition		
Dangerous Substances Waste Code Description			Description of the value in a code list value maintained by an external code list agency. This is primarily used when code list values are sequential numbers.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/1000	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/dangerousSubstancesWasteCode/dangerousSubstancesWasteCodeValueInformation/dangerousSubstancesWasteCodeDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dangerous Substances Waste Code Description	dangerousSubstancesWasteCode/ dangerousSubstancesWasteCode ValueInformation/dangerousSubs tancesWasteCodeDescription	dangerousSubstancesWasteCode/ dangerousSubstancesWasteCode ValueInformation/dangerousSubs tancesWasteCodeDescription

Participant Dictionary

Attribute Name			Definition		
Risk Phrase Code Agency Name			The name of the agency that manages a risk phrase code list external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Dependent	AN/200	0 or more	No
Examples			**Reference**		
"EU DANGEROUS SUBSTANCE"					
Additional Comments			**Business Case**		
Becomes required if Risk Phrase Code List Name, Risk Phrase Code List Version, Risk Phrase Code Value, Risk Phrase Code Description, or Risk Phrase Code Definition is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/riskPhraseCode/externalAgencyName

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Risk Phrase Code Agency Name	riskPhraseCode/externalAgencyName	riskPhraseCode/externalAgencyName

Attribute Name			Definition		
Risk Phrase Code List Name			The name of the risk phrase code list maintained by an agency external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/200	0 or more	No
Examples			**Reference**		
"hazardousSymbols", "hazardousMaterialsStorageSpecialRiskCode"					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/riskPhraseCode/externalCodeListName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Risk Phrase Code List Name	riskPhraseCode/externalCodeList Name	riskPhraseCode/externalCodeList Name

Participant Dictionary

Attribute Name			Definition		
Risk Phrase Code List Version			The version of the risk phrase code list maintained by an agency external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/200	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/riskPhraseCode/externalCodeListVersion

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Risk Phrase Code List Version	riskPhraseCode/externalCodeList Version	riskPhraseCode/externalCodeList Version

Attribute Name			Definition		
Risk Phrase Code Value			Risk Phrase Code List Value maintained by a code list agency external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Dependent	AN/200	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Becomes required if Risk Phrase Code Agency Name , Risk Phrase Code List Name, Risk Phrase Code List Version, Risk Phrase Code Description, or Risk Phrase Code Definition is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/riskPhraseCode/riskPhraseCodeValueInformation/riskPhraseCode Value

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Risk Phrase Code Value	riskPhraseCode/EnumerationValueInformationType/enumerationValue	riskPhraseCode/EnumerationValueInformationType/enumerationValue

Participant Dictionary

Attribute Name			Definition		
Risk Phrase Code Description			Description of the risk phrase code value. This is primarily used when code list values are sequential numbers.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/1000	0 or 1	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/riskPhraseCode/riskPhraseCodeValueInformation/riskPhraseCodeDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Risk Phrase Code Description	riskPhraseCode/EnumerationValueInformationType/enumerationValueDescription	riskPhraseCode/EnumerationValueInformationType/enumerationValueDescription

Attribute Name			Definition		
Risk Phrase Code Definition			Definition of the risk phrase code value.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/1000	0 or 1	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/riskPhraseCode/riskPhraseCodeValueInformation/riskPhraseCode Definition

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Risk Phrase Code Definition	riskPhraseCode/EnumerationValueInformationType/enumerationValueDefinition	riskPhraseCode/EnumerationValueInformationType/enumerationValueDefinition

Participant Dictionary

Attribute Name			Definition		
Dangerous Substances Water Solubility Code			CA code indicating the solubility or miscibility in respect with water. Solubility is the ability of a given substance to dissolve in a solvent.ode List Value maintained by an external code list agency.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/35	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/dangerousSubstancesWaterSolubilityCode

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Dangerous Substances Water Solubility Code	dangerousSubstancesWaterSolubilityCode	dangerousSubstancesWaterSolubilityCode

Attribute Name			Definition		
Dangerous Substance Gas Density			The density of gas contained within the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/dangerousSubstanceGasDensity

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dangerous Substance Gas Density	dangerousSubstanceGasDensity	dangerousSubstanceGasDensity

Attribute Name			Definition		
Dangerous Substance Heat Of Combustion			The amount of heat generated by the item should it catch on fire expressed as amount of energy per pound for example BTU's (British Thermal Units) per pound.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/dangerousSubstanceHeatOfCombustion

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dangerous Substance Heat Of Combustion	dangerousSubstanceHeatOfCombustion	dangerousSubstanceHeatOfCombustion

Attribute Name			Definition		
Dangerous Substance Phase Of Matter			Dangerous substance details for a Trade Item per phase of matter.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/70	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/dangerousSubstance/dangerousSubstancePhaseOfMatter

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dangerous Substance Phase Of Matter	dangerousSubstance/dangerousSubstancePhaseOfMatter	dangerousSubstance/dangerousSubstancePhaseOfMatter

Participant Dictionary

Attribute Name			Definition		
Flammable Substance Minimum Percent			The minimum percentage of the flammable substance contained in the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	N/1,5	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/dangerousSubstance/flammableSubstanceInformation/flammable SubstanceMinimumPercent

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Flammable Substance Minimum Percent	dangerousSubstance/flammableSubstanceInformation/flammableSubstanceMinimumPercent	dangerousSubstance/flammableSubstanceInformation/flammableSubstanceMinimumPercent

Participant Dictionary

Attribute Name			Definition		
Flammable Substance Maximum Percent			The maximum percentage of the flammable substance contained in the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	N/1,5	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/dangerousSubstance/flammableSubstanceInformation/flammable SubstanceMaximumPercent

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Flammable Substance Maximum Percent	dangerousSubstance/flammableSubstanceInformation/flammableSubstanceMaximumPercent	dangerousSubstance/flammableSubstanceInformation/flammableSubstanceMaximumPercent

Participant Dictionary

Attribute Name			Definition		
Water Hazard Code Agency Name			The name of the agency that manages a risk phrase code list external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Dependent	AN/200	0 or more	No
Examples			**Reference**		
"EU DANGEROUS SUBSTANCE"					
Additional Comments			**Business Case**		
Becomes required if Water Hazard Code List Name, Water Hazard Code List Version, Water Hazard Code Value, Water Hazard Code Description, Water Hazard Code Definition is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/waterHazardCode/externalAgencyName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Water Hazard Code Agency Name	waterHazardCode/externalAgency Name	waterHazardCode/externalAgency Name

Participant Dictionary

Attribute Name			Definition		
Water Hazard Code List Name			The name of the water hazard code list maintained by an agency external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/200	0 or more	No
Examples			**Reference**		
"hazardousSymbols", "hazardousMaterialsStorageSpecialRiskCode"					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/waterHazardCode/externalCodeListName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Water Hazard Code List Name	waterHazardCode/externalCodeListName	waterHazardCode/externalCodeListName

Participant Dictionary

Attribute Name			Definition		
Water Hazard Code List Version			The version of the Water Hazard code list maintained by an agency external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/200	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/waterHazardCode/externalCodeListVersion

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Water Hazard Code List Version	waterHazardCode/externalCodeListVersion	waterHazardCode/externalCodeListVersion

Attribute Name			Definition		
Water Hazard Code Value			Water Hazard Code List Value maintained by a code list agency external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Dependent	AN/200	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Becomes required if Water Hazard Code Agency Name , Water Hazard Code List Name, Water Hazard Code List Version, Water Hazard Code Description, or Water Hazard Code Definition is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/waterHazardCode/waterHazardCodeValueInformation/waterHazardCodeValue

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Water Hazard Code Value	waterHazardCode/EnumerationValueInformationType/enumerationValue	waterHazardCode/EnumerationValueInformationType/enumerationValue

Participant Dictionary

Attribute Name			Definition		
Water Hazard Code Description			Description of the Water Hazard code value. This is primarily used when code list values are sequential numbers.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/1000	0 or 1	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/waterHazardCode/waterHazardCodeValueInformation/waterHazardCodeDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Water Hazard Code Description	waterHazardCode/EnumerationValueInformationType/enumerationValueDescription	waterHazardCode/EnumerationValueInformationType/enumerationValueDescription

Participant Dictionary

Attribute Name			Definition		
Water Hazard Code Definition			Definition of the Water Hazard code value.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/1000	0 or 1	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/waterHazardCode/waterHazardCodeValueInformation/waterHazardCodeDefinition

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Water Hazard Code Definition	waterHazardCode/EnumerationValueInformationType/enumerationValueDefinition	waterHazardCode/EnumerationValueInformationType/enumerationValueDefinition

Participant Dictionary

Attribute Name			Definition		
Safety Phrase Code Agency Name			The name of the agency that manages a safety phrase code list external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Dependent	AN/200	0 or more	No
Examples			**Reference**		
"EU DANGEROUS SUBSTANCE"					
Additional Comments			**Business Case**		
Becomes required if Safety Phrase Code List Name, Safety Phrase Code List Version, Safety Phrase Code Value, Safety Phrase Code Description, or Safety Phrase Code Definition is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/safetyPhraseCode/externalAgencyName

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Safety Phrase Code Agency Name	safetyPhraseCode/externalAgency Name	safetyPhraseCode/externalAgency Name

Participant Dictionary

Attribute Name			Definition		
Safety Phrase Code List Name			The name of the Safety phrase code list maintained by an agency external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/200	0 or more	No
Examples			**Reference**		
"hazardousSymbols", "hazardousMaterialsStorageSpecialSafetyCode"					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/safetyPhraseCode/externalCodeListName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Safety Phrase Code List Name	safetyPhraseCode/externalCodeListName	safetyPhraseCode/externalCodeListName

Participant Dictionary

Attribute Name			Definition		
Safety Phrase Code List Version			The version of the Safety phrase code list maintained by an agency external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/200	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/safetyPhraseCode/externalCodeListVersion

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Safety Phrase Code List Version	safetyPhraseCode/externalCodeListVersion	safetyPhraseCode/externalCodeListVersion

Participant Dictionary

Attribute Name			Definition		
Safety Phrase Code Value			Safety Phrase Code List Value maintained by a code list agency external to GS1.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Dependent	AN/200	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Becomes required if Safety Phrase Code Agency Name , Safety Phrase Code List Name, Safety Phrase Code List Version, Safety Phrase Code Description, or Safety Phrase Code Definition is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/safetyPhraseCode/safetyPhrasesCodeValueInformation/safetyPhrasesCodeValue

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Safety Phrase Code Value	safetyPhraseCode/EnumerationValueInformationType/enumerationValue	safetyPhraseCode/EnumerationValueInformationType/enumerationValue

Attribute Name			Definition		
Safety Phrase Code Description			Description of the Safety phrase code value. This is primarily used when code list values are sequential numbers.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/1000	0 or 1	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/safetyPhraseCode/safetyPhrasesCodeValueInformation/safetyPhrasesCodeDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Safety Phrase Code Description	safetyPhraseCode/EnumerationValueInformationType/enumerationValueDescription	safetyPhraseCode/EnumerationValueInformationType/enumerationValueDescription

Participant Dictionary

Attribute Name			Definition		
Safety Phrase Code Definition			Definition of the Safetyphrase code value.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Hazmat & Dangerous Substance	Optional	AN/1000	0 or 1	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dangerousSubstanceInformation/safetyPhraseCode/safetyPhrasesCodeValueInformation/safetyPhrasesCodeDefinition

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Safety Phrase Code Definition	safetyPhraseCode/EnumerationValueInformationType/enumerationValueDefinition	safetyPhraseCode/EnumerationValueInformationType/enumerationValueDefinition

Attribute Name			Definition		
Pricing Item Indicator			This attribute will trigger an item to be populated into the 1SYNC Price & Promotion Management application, regardless of whether or not an item is orderable.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	DSD Attributes	Optional	Boolean	0 or 1	No
Examples			**Reference**		
			See 1SYNC Price & Promotion Management Implementations - Appendix R.		
Additional Comments			**Business Case**		
This attribute may be utilized in the 1SYNC Price & Promotion Management (PM) application but will not be synchronized to retailers. A "PM" entry in the GLN Registry table at 1SYNC is also required to trigger an item to the 1SYNC Price & Promotion Management application. When a user adds values in multiple languages only the value for the first language (alphabetically) will be sent to the PM application. For example, if values are entered in English and Spanish, only the English value will be sent to the PM application.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
pricingItemIndicator (Data Source 1SYNC XML Only)

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Pricing Item Indicator	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Pricing UPC			This attribute is comparable to the EANUCC Code, but is the UPC utilized in the 1SYNC Price & Promotion Management business process for pricing purposes. It may be the UPC on the consumable unit or the trade item, depending on the item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	DSD Attributes	Optional	I/14	0 or 1	No
Examples			**Reference**		
			See 1SYNC Price & Promotion Management Implementations - Appendix R.		
Additional Comments			**Business Case**		
This attribute is optional for all 1SYNC Price & Promotion Management (PM) implementations. If it is not populated, the EANUCC Code will be populated into PM. This attribute is not synchronized to retailers during Item Synchronization. Note: The value provided for Pricing UPC must be an integer between 8 and 14 digits in length, or else an error will result.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
pricingUPC (Data Source 1SYNC XML Only)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Pricing UPC	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Pricing Pack			A numeric attribute that allows manufacturers to represent the actual Qty of Next Level Item(s) value associated with an item's price rather than its physical Qty of Next Level Item(s) value.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	DSD Attributes	Optional	I/6	0 or 1	No
Examples			**Reference**		
			See 1SYNC Price & Promotion Management Implementations - Appendix R.		
Additional Comments			**Business Case**		
This attribute is intended for use by 1SYNC Price & Promotion Management participants. This attribute is synchronized on the AVP extension as "Suggested Consumer Pack".					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
pricingPack (Data Source 1SYNC XML)
suggestedConsumerPack (Data Recipient 1SYNC XML – AVP Extension)

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Pricing Pack	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Units Per Consumer Unit			This attribute provides a vehicle for communicating subunits contained within a consumer unit.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	DSD Attributes	Optional	I/10	0 or 1	No
Examples			**Reference**		
			See 1SYNC Price & Promotion Management Implementations - Appendix R.		
Additional Comments			**Business Case**		
This attribute may be utilized in the 1SYNC Price & Promotion Management (PM) application but will not be synchronized to retailers. When a user adds values in multiple languages only the value for the first language (alphabetically) will be sent to the PM application. For example, if values are entered in English and Spanish, only the English value will be sent to the PM application.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
unitsPerConsumerUnit

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Units Per Consumer Unit	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Total Units per Case			This attribute provides a vehicle for communicating the total subunits contained within a case.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	DSD Attributes	Optional	I/10	0 or 1	No
Examples			**Reference**		
			See 1SYNC Price & Promotion Management Implementations - Appendix R.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
totalUnitsPerCase

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Total Units per Case	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
GTIN Variation Registry			Optional 1SYNC proprietary override, which may be set to bypass the registration of the GTIN at the GS1 Global Registry for specific Direct Store Delivery (DSD) scenarios.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	DSD Attributes	Optional	Boolean	0 or 1	No
Examples			**Reference**		
See *Data Source 1SYNC XML Guide* for 1SYNC XML example Yes/No (GUI) true/false (Batch) False = DO NOT REGISTER True or Null = REGISTER (If GLN is also REGISTERED)					
Additional Comments			**Business Case**		
Note: Should a customer have a GTIN that is already registered, and they attempt to set the GTIN Variation Registry to FALSE (to not register the item), this is NOT permitted and the transaction would fail. For changes to registration status of a GTIN please contact 1SYNC Customer Support.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
N/A

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
GTIN Variation Registry	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Package Group			This attribute facilitates a company's development and use of a categorization more finite than the UDEX codes to group like products together, based on pacakage configurations.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	DSD Attributes	Optional	AN/100	0 or More	Yes
Examples			**Reference**		
			See 1SYNC Price & Promotion Management Implementations - Appendix R.		
Additional Comments			**Business Case**		
This attribute may be utilized in the 1SYNC Price & Promotion Management (PM) application but will not be synchronized to retailers. When a user adds values in multiple languages only the value for the first language (alphabetically) will be sent to the PM application. For example, if values are entered in English and Spanish, only the English value will be sent to the PM application.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packageGroup

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Package Group	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Product Group			This attribute facilitates a company's development and use of a categorization more finite than the UDEX codes to group like products together, based on the nature of the product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	DSD Attributes	Optional	AN/100	0 or More	Yes
Examples			**Reference**		
			See 1SYNC Price & Promotion Management Implementations - Appendix R.		
Additional Comments			**Business Case**		
This attribute may be utilized in the 1SYNC Price & Promotion Management (PM) application but will not be synchronized to retailers. When a user adds values in multiple languages only the value for the first language (alphabetically) will be sent to the PM application. For example, if values are entered in English and Spanish, only the English value will be sent to the PM application.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productGroup

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Product Group	N/A	N/A**

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Participant Dictionary

Attribute Name			Definition		
Display Dimension Type Code			Depicts certain display scenarios (e.g., Retail Display, Out of package) used to describe a set of measurements.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Measures	Optional	VV/35	0 or more	
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
displayDimensionTypeCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Display Dimension Type Code	displayDimensionTypeCode	displayDimensionTypeCode

Attribute Name			Definition		
Dimension Depth			The depth dimension of a trade item under certain display scenarios (Display Dimension Types) when they differ from the standard measurements provided under the Package Measurement Rules.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes –AIA Measures	Optional	N/15,15	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
If Dimension Depth is populated then Dimension Depth UOM must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dimensionDepth

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dimension Depth	displayDimensions	displayDimensions depth measurementValue value

Attribute Name			Definition		
Dimension Depth UOM			Unit of measure associated with Dimension Depth.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes –AIA Measures	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Component Linear UOM valid values.		
Additional Comments			**Business Case**		
If Dimension Depth UOM is populated then Dimension Depth must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dimensionDepthUOM

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dimension Depth UOM	N/A*	displayDimensions depth measurementValue unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Dimension Height			The height dimension of a trade item under certain display scenarios (Display Dimension Types) when they differ from the standard measurements provided under the Package Measurement Rules.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes –AIA Measures	Optional	N/15,15	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
If Dimension Height is populated then Dimension Height UOM must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dimensionHeight

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dimension Height	displayDimensions	displayDimensions height measurementValue value

Attribute Name			Definition		
Dimension Height UOM			Unit of measure associated with Dimension Height.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes –AIA Measures	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Component Linear UOM valid values.		
Additional Comments			**Business Case**		
If Dimension Height UOM is populated then Dimension Height must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dimensionHeightUOM

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Dimension Height UOM	N/A*	displayDimensions height measurementValue unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Dimension Width			The width dimension of a trade item under certain display scenarios (Display Dimension Types) when they differ from the standard measurements provided under the Package Measurement Rules.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes –AIA Measures	Optional	N/15,15	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
If Dimension Width is populated then Dimension Width UOM must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dimensionWidth

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dimension Width	displayDimensions	displayDimensions width measurementValue value

Attribute Name			Definition		
Dimension Width UOM			Unit of measure associated with Dimension Width.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes –AIA Measures	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Component Linear UOM valid values.		
Additional Comments			**Business Case**		
If Dimension Width UOM is populated then Dimension Width must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dimensionWidthUOM

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dimension Width UOM	N/A*	displayDimensions width measurementValue unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Orientation Preference Sequence			A numeric value that depicts the preferred sequence of orientation used to communicate the manufacturers relative preferences of orientation.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes –AIA Measures	Dependent	I/25	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
The same value must not be populated in more than one instance of Orientation Preference Sequence. If Orientation Preference Sequence is populated, then Orientation Type must also be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
orientationPreferenceSequence

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Orientation Preference Sequence	orientationPreferencesSequence	orientationPreferenceSequence

Participant Dictionary

Attribute Name			Definition		
Orientation Type			Describes the display orientation for a trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes –AIA Measures	Dependent	VV/35	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If Orientation Type is populated, then Orientation Preference Sequence must also be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
orientationType

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Orientation Type	orientationType	orientationType

Attribute Name			Definition		
Has Display Ready Packaging?			Indicates that the Trade Item has Display Ready Packaging (also referred to as Shelf Ready Packaging or Retail Ready Packaging). Display Ready Packaging can be exhibited on the floor, a shelf, or other location. It may or may not require some modification (e.g., to raise a flap). If modifications are necessary, the measurements would be advised for the trade item as prepared for display.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes –AIA Packaging	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
hasDisplayReadyPackaging

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Has Display Ready Packaging?	hasDisplayReadyPackaging	hasDisplayReadyPackaging

Participant Dictionary

Attribute Name			Definition		
Packaging Marked Date Format			The general format of the date that is physically printed on the package. For example, YYYY: year, YY: year in century, MM: month number, MMM: month short name, DD: day of month, D: day of week (Monday=1), ' '-: space and hyphen.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Packaging	Optional	AN/70	0 or 1	No
Examples			**Reference**		
"YYYY-MM-DD"					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMarkedDateFormat

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Packaging Marked Date Format	packagingMarkedDateFormat	packagingMarkedDateFormat

Participant Dictionary

Attribute Name			Definition		
Packaging Marking Language			The language(s) of text present on the product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Packaging	Optional	VV/5	0 or More	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Language Codes valid values		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
packagingMarkingLanguage

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Packaging Marking Language	packagingMarkingLanguage	packagingMarkingLanguage

Attribute Name			Definition		
Country of Last Provenance/Processing			The code that identifies the country in which the trade item was last processed and tested before importation.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Manufacturing, Handling, & Delivery	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
countryOfLastProvenance

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Country of Last Provenance/Processing	tradeItemCountryOfLastProcessing	tradeItemCountryOfLastProcessing

Attribute Name			Definition		
Handling Instructions Description			Used to specify the information and processes needed to safely handle the trade item. Intended to be sent when Handling Instruction Code and Handling Instructions Code Agency have not been provided.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Manufacturing, Handling, and Delivery	Optional	AN/1000	0 or More	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
handlingInstructionsDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Handling Instructions Description	handlingInstructionsDescription	handlingInstructionsDescription

Participant Dictionary

Attribute Name			Definition		
Handling Instructions Code Agency			An agency that maintains the handling instruction code.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Manufacturing, Handling, and Delivery	Optional	AN/70	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
handlingInstructionsCodeAgency

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Handling Instructions Code Agency	handlingInstructionsCodeAgency	handlingInstructionsCodeAgency

Participant Dictionary

Attribute Name			Definition		
Clamp Pressure			The pressure that should be applied by a clamp to the packaging around the product. The clamp pressure is the only pressure value to be applied and there are no minimum or maximum values. If a clamp pressure less than the stated value is applied, the packaged product will slip the clamp and the product or its packaging may be damaged.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
N	Additional Item Attributes - AIA Manufacturing, Handling, & Delivery	Optional	N/15,15	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		
If Clamp Pressure is populated then Clamp Pressure UOM must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
clampPressure

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Clamp Pressure	clampPressure	clampPressure value

Participant Dictionary

Attribute Name			Definition		
Clamp Pressure UOM			Unit of measure associated with Clamp Pressure.		

Global/TM	IM GUI Tab	M/O/D	Type/Size	Occurrence	Lang Specific
TM	Additional Item Attributes - AIA Manufacturing, Handling, & Delivery	Dependent	VV/3	0 or 1	N

Examples			Reference		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		

Additional Comments			Business Case		
If Clamp Pressure UOM is populated then Clamp Pressure must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
clampPressureUOM

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Clamp Pressure UOM	N/A*	clampPressure unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Nesting Direction			Depicts the arrangement of two items that nest together specifically whether they nest against each other or on top of each other.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Manufacturing, Handling, & Delivery	Dependent	VV/60	0 or 1	N
Examples			**Reference**		
"HORIZONTAL"; "VERTICAL"			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If Nesting Direction is populated, then Nesting Type must also be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
nestingDirection

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Nesting Direction	nestingDirection	nestingDirection

Attribute Name			Definition		
Nesting Type			Depicts whether a nested item fits inside or over the other item in a nesting relationship.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Manufacturing, Handling, & Delivery	Dependent	VV/60	0 or 1	N
Examples			**Reference**		
"NEGATIVE"; "POSITIVE"			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If Nesting Type is populated, then Nesting Direction must also be populated.			For a "negative" nesting type scenario, this would be a nesting arrangement where higher items fit partially inside and are partially obscured by lower ones. (For example, bowls.) For a "positive" nesting type scenario, this would be a nesting arrangement where the higher item fits over and partially obscures the lower one. (For example, sports caps.)		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
nestingType

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Nesting Type	nestingType	nestingType

Attribute Name			Definition		
Trade Channel			Description of base unit or a packaging item's intended trade channel. A trade channel is a grouping of entities by common business model concentration used to define the distribution or marketing segmentation of products, customers, and geographic areas that are supplied, serviced, and measured in similar ways.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Marketing & Contact Information	Optional	VV/150	0 or More	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeChannel

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Trade Channel	tradeItemTradeChannel	tradeItemTradeChannel

Attribute Name			Definition		
Trade Item Copyright Fee			Fee paid to the artist for use of the trade item or an associated part of the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Marketing & Contact Information	Dependent	N/38,15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
If Trade Item Copyright Fee is populated then Trade Item Copyright Fee Currency is required					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemCopyrightFee

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Trade Item Copyright Fee	tradeItemCopyrightFee	tradeItemCopyrightFee

Attribute Name			Definition		
Trade Item Copyright Fee Currency			Indicates the currency associated with the value provided for the attribute Trade Item Copyright Fee.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Marketing & Contact Information	Dependent	VV/3	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Currency Codes valid values		
Additional Comments			**Business Case**		
If Trade Item Copyright Fee Currency is populated then Trade Item Copyright Fee is required					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemCopyrightFee/currency

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Trade Item Copyright Fee Currency	tradeItemCopyrightFee	tradeItemCopyrightFee/ currencyCode

Participant Dictionary

Attribute Name			Definition		
Trade Item Copyright Rate			The rate paid to the artist for use of the trade item or an associated part of the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Marketing & Contact Information	Optional	N/7,2	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemCopyrightRate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Trade Item Copyright Rate	tradeItemCopyrightRate	tradeItemCopyrightRate

Participant Dictionary

Attribute Name			Definition		
Is Hazardous Component Broken Down Easily For Recycling?			Indicates whether or not any hazardous components can easily be separated from the other materials to facilitate product recycling.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isHazardousComponentBrokendownEasilyForRecycling

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Hazardous Component Broken Down Easily For Recycling?	areHazardousComponentsRemovable	areHazardousComponentsRemovable

Participant Dictionary

Attribute Name			Definition		
Percent Of Product Components Labeled For Disassembly And Recycling			Provides the percentage of the product components that clearly label how to facilitate product disassembly and recycling. For example, if the product is a VCR and remote control and the remote control is labeled for recycling, but the VCR is not, then the percentage equals 50.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	N/5,2	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
percentOfProductComponentsLabeledForDisassemblyAndRecycling

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Percent Of Product Components Labeled For Disassembly And Recycling	componentsLabeledForDisassemblyRecyclingPercent	componentsLabeledForDisassemblyRecyclingPercent

Participant Dictionary

Attribute Name			Definition		
Is Product Disassembly By Recycling Facility Completed Using Standard Tools?			Indicates whether or not the product is designed for easy disassembly by recycling facilities using standard industry tools.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isProductDisassemblyByRecyclingFacilityCompletedUsingStandardTools

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Product Disassembly By Recycling Facility Completed Using Standard Tools?	isTradeItemDesignedForEasyDisassembly	isTradeItemDesignedForEasyDisassembly

Participant Dictionary

Attribute Name			Definition		
Is Product RPPC Compliant in Target Market?			Indicates whether a product is or is contained in a Rigid Plastic Packaging Container (RPPC) as defined by laws in the target market. An RPPC is a container that is made entirely of plastic, with a capacity between 8 fluid ounces and 5 gallons or the equivalent solid volume, maintains its shape while holding the product, and is capable of multiple reclosures.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isProductRPPCCompliantInTargetMarket

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Product RPPC Compliant in Target Market?	isTradeItemRigidPlasticPackaging Container	isTradeItemRigidPlasticPackaging Container

Participant Dictionary

Attribute Name			Definition		
Product RoHS Compliance Code			Indicates if the product is compliant with the European Union RoHS Directive (the restriction of the use of certain hazardous substances in electrical and electronic equipment), a government regulated agency that sets guidelines for products not to contain certain hazardous substances.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		
If Product RoHS Compliance Code = FALSE, then Materials That Fail RoHS Compliance is required					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
productRoHSComplianceCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Product RoHS Compliance Code	isTradeItemROHSCompliant	isTradeItemROHSCompliant

Participant Dictionary

Attribute Name			Definition		
Is Product Considered Universal Waste?			Indicates whether or not a product can be considered universal waste. Universal waste is defined as "wastes that do meet the regulatory definition of hazardous waste, but are managed under special, tailored regulations".		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		
			For example, this attribute applies to products regulated under the Environmental Protection Agency's CFR 40 273.2 through 273.5; This includes Lamps (Bulbs that could be Fluorescent, High Intensity Discharge, Neon) Batteries (Re-chargeable) Thermostats, (Containing Mercury) and Pesticides.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isProductConsideredUniversalWaste

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Product Considered Universal Waste?	isTradeItemUniversalWaste	isTradeItemUniversalWaste

Attribute Name			Definition		
Can Product Be Easily Upgraded Or Maintained By Consumer?			Indicates if the product can be easily upgraded or replaced by the consumer. For example, the ability to add additional memory/storage capacity.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
canProductBeEasilyUpgradedOrMaintainedByConsumer

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Can Product Be Easily Upgraded Or Maintained By Consumer?	isTradeItemConsumerUpgradeableOrMaintainable	isTradeItemConsumerUpgradeableOrMaintainable

Attribute Name			Definition		
Is Product A Pesticide?			Indicates whether or not the product is advertised or labeled as a chemical or contains a chemical that is advertised or labeled to kill, repel or prevent the growth of any living organism.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isProductAPesticide

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Is Product A Pesticide?	doesTradeItemContainPesticide	doesTradeItemContainPesticide

Participant Dictionary

Attribute Name			Definition		
Does Product Contain PVC?			Indicates whether or not the product contains Polyvinyl Chloride (PVC).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
doesProductContainPVC

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Does Product Contain PVC?	doesTradeItemContainPolyvinylChloride	doesTradeItemContainPolyvinylChloride

Attribute Name			Definition		
Is Product Aerosol?			Indicates whether or not a product contains a compressed gas or propellant.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isProductAerosol

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Product Aerosol?	doesTradeItemContainPropellant	doesTradeItemContainPropellant

Attribute Name			Definition		
Does Product Contain SCCPs?			Indicates whether or not the product and/or its components contain paints, coatings, plastics or other materials containing short chain chlorinated paraffins (SCCPs).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
doesProductContainSCCPs

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Does Product Contain SCCPs?	doesTradeItemContainShortChain ChlorinatedParaffins	doesTradeItemContainShortChain ChlorinatedParaffins

Attribute Name			Definition		
Is Product Chemical Not Intended For Human Consumption?			Indicates that the product is or contains a Liquid, Gel, Paste, Powder, or Flammable solid not intended for human consumption (ingested).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isProductChemicalNotIntendedForHumanConsumption

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Product Chemical Not Intended For Human Consumption?	isTradeItemChemicalNotIntended ForHumanConsumption	isTradeItemChemicalNotIntended ForHumanConsumption

Participant Dictionary

Attribute Name			Definition		
Percentage Of Plastic Components Made From a Plant Based Material			The percentage of the plastic components only made from rapidly renewable plant-based material by net weight of product (excludes packaging).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	N/5,2	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
percentageOfPlasticComponentsMadeFromAPlantBasedMaterial

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Percentage Of Plastic Components Made From a Plant Based Material	renewablePlantBasedPlasticComponentsPercent	renewablePlantBasedPlasticComponentsPercent

Attribute Name			Definition		
Materials That Fail RoHS Compliance			Identifies what materials contained in the product result in the failure of RoHS compliant. These include the following substances: Cadmium, Mercury, Lead, Hexavalent Chromium, Polybromnated Biphenyls (PBB), Polybromiated Diphenyl Ethers (PBDE).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Dependent	VV/200	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If Product RoHS Compliance Code = FALSE, then Materials That Fail RoHS Compliance is required.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
materialsThatFailRoHSCompliance

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Materials That Fail RoHS Compliance	rOHSComplianceFailureMaterial	rOHSComplianceFailureMaterial

Attribute Name			Definition		
Is Product Subject To A Manufacturer Take Back Program?			Indicates whether or not the manufacturer offers a take back program to the consumer for the product to be reused, remanufactured, or recycled.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		
Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isProductSubjectToAManufacturerTakeBackProgram

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Is Product Subject To A Manufacturer Take Back Program?	doesManufacturerHaveTakeBackProgram	doesManufacturerHaveTakeBackProgram

Participant Dictionary

Attribute Name			Definition		
Manufacturer Take Back Program Fee			The fee the consumer must pay the manufacturer to take back the product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Dependent	N/10,2	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
If Manufacturer Take Back Program Fee is populated, then Manufacturer Take Back Program Currency must also be populated. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
manufacturerTakeBackProgramFee

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Manufacturer Take Back Program Fee	manufacturerTakeBackProgramFee	manufacturerTakeBackProgramFee amount monetaryAmount

Attribute Name			Definition		
Manufacturer Take Back Program Currency			The currency associated with the Manufacturer Take Back Program Fee.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If Manufacturer Take Back Program Currency is populated then Manufacturer Take Back Program Fee must be populated. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
manufacturerTakeBackProgramCurrency

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Manufacturer Take Back Program Currency	manufacturerTakeBackProgramFee	manufacturerTakeBackProgramFee amount currencyCode

Participant Dictionary

Attribute Name			Definition		
Is Trade Item Auto Powered Down Enabled When Shipped To Customer?			Indicates whether or not the product is enabled with auto power down feature when shippped to the customer. Auto power down is a feature that operates similarly to power management features and requires the unit to enter a standby passive mode after a certain preset number of hours of user inactivity.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/60	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isTradeItemAutoPoweredDownEnabledWhenShippedToCustomer

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Trade Item Auto Powered Down Enabled When Shipped To Customer?	isTradeItemAutomaticPowerDownEnabled	isTradeItemAutomaticPowerDownEnabled

Participant Dictionary

Attribute Name			Definition		
Trade Item Default Time Limit Of Auto Power Down Function Value			Provides the default time value after which the product will automatically power down.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	N/15,15	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		
If this attribute is populated, then Trade Item Default Time Limit Of Auto Power Down Function UOM must also be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemDefaultTimeLimitOfAutoPowerDownFunctionValue

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Trade Item Default Time Limit Of Auto Power Down Function Value	automaticPowerDownDefaultTime Period	automaticPowerDownDefaultTime Period value

Attribute Name			Definition		
Trade Item Default Time Limit Of Auto Power Down Function UOM			Provides the unit of measure associated with the Trade Item Default Time Limit Of Auto Power Down Function Value.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Dependent	VV/3	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If this attribute is populated, then Trade Item Default Time Limit Of Auto Power Down Function must also be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemDefaultTimeLimitOfAutoPowerDownFunctionUOM

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Trade Item Default Time Limit Of Auto Power Down Function UOM	N/A*	automaticPowerDownDefaultTime Period unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Electrical Usage Agency Code			The agency that regulates electrical usage for products within a target market. For example: Environmental Protection Agency (EPA) in the United States.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	AN/35	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
electricalUsageAgencyCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Electrical Usage Agency Code	electricalUsageAgencyCode	electricalUsageAgencyCode

Attribute Name			Definition		
Electrical Usage Class Mode Code			The functional mode of an electrical device. Electrical Usage Class Mode Codes are defined by various electrical guidelines (for example, the Energy Star guideline).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Dependent	VV/20	0 or more	N
Examples			**Reference**		
"On", "Download acquisition", "Standby", etc.			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Run Mode Codes valid values.		
Additional Comments			**Business Case**		
Note: If any of the following attributes are populated, then all are required to be populated: • Electrical Usage Class Mode Code • Maximum Electrical Usage Class Mode Value • Maximum Electrical Usage Class Mode UOM					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
electricalUsage/electricalUsageClassModeCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Electrical Usage Class Mode Code	runMode	runMode

Attribute Name			Definition		
Maximum Electrical Usage Class Mode Value			Identifies the numeric maximum amount of energy used by a device powered by electricity. Associated with the value provided for Electrical Usage Class Mode Code.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Dependent	N/15,15	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: If any of the following attributes are populated, then all are required to be populated: • Electrical Usage Class Mode Code • Maximum Electrical Usage Class Mode Value • Maximum Electrical Usage Class Mode UOM Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
electricalUsage/maximumElectricalUsageClassModeValue

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Maximum Electrical Usage Class Mode Value	maximumEnergyUsage	maximumEnergyUsage value

Attribute Name			Definition		
Maximum Electrical Usage Class Mode UOM			Identifies the unit of measure associated with each numeric Maximum Electrical Usage Class Mode Value.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
Note: If any of the following attributes are populated, then all are required to be populated: • Electrical Usage Class Mode Code • Maximum Electrical Usage Class Mode Value • Maximum Electrical Usage Class Mode UOM Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
electricalUsage/ maximumElectricalUsageClassModeValueUOM

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Maximum Electrical Usage Class Mode UOM	N/A*	maximumEnergyUsage unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Maximum Energy Usage Time Period			The time period (e.g., hours, days, years) associated with the maximum energy usage amount.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	N/23,15	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
If Maximum Energy Usage Time Period is populated, then Maximum Energy Usage Time Period UOM must be populated. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
electricalUsage/maximumEnergyUsageTimePeriod

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Maximum Energy Usage Time Period	maximumEnergyUsageTimePeriod	maximumEnergyUsageTimePeriod timeMeasurementValue

Attribute Name			Definition		
Maximum Energy Usage Time Period UOM			Unit of measure associated with Maximum Energy Usage Time Period.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If Maximum Energy Usage Time Period UOM is populated then Maximum Energy Usage Time Period must be populated. Note: This attribute is enabled for Relationship Dependent Data (RDD). Data source customers may provide data recipient specific values by indicating dataRecipientGLN with the attribute. If a dataRecipientGLN is not provided, the attribute value provided will apply to ALL Data Recipients.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
maximumEnergyUsageTimePeriod/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Maximum Energy Usage Time Period UOM	N/A*	maximumEnergyUsageTimePeriod timeMeasurement unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Electrical Usage Trade Item Classification Agency			The classification agency or organization whose product classification scheme is being provided to drive required information for electrical usage.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	AN/35	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
electricalUsageTradeItemClassificationAgency

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Electrical Usage Trade Item Classification Agency	electricalUsageTradeItemClassificationAgency	electricalUsageTradeItemClassificationAgency

Attribute Name			Definition		
Electrical Usage Class Code			A classification code value from a product classification scheme provided to drive required information for electrical usage. Examples of Electrical Usage Class Codes would be a Television or a Computer.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	AN/35	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
electricalUsageClassCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Electrical Usage Class Code	electricalUsageTradeItemClassificationCode	electricalUsageTradeItemClassificationCode

Participant Dictionary

Attribute Name			Definition		
Electrical Usage Sub Class Code			Further identifies a particular "Electrical Usage Class Code" value by identifying the associated sub-classification code.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	AN/35	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Suggested values: • If the value for the attribute "Electrical Usage Class Code" is "Television", then one of the following Sub Class Codes should to be provided to represent the particular type of television: CRT, LCD, Plasma, CRT Rear Projection, LCD/DLP Rear Projection; • If the value for the attribute "Electrical Usage Class Code" is "Computer", then one of the following Sub Class Codes should to be provided to represent the particular type of computer: Desktop, Laptop					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
electricalUsageSubClassCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Electrical Usage Sub Class Code	electricalUsageSubclassificationCode	electricalUsageSubclassificationCode

Attribute Name			Definition		
Electrical Usage Trade Item Classification Name			A classification name from a product classification scheme provided to drive required information for electrical usage.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	AN/70	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
electricalUsageTradeItemClassificationName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Electrical Usage Trade Item Classification Name	electricalUsageTradeItemClassificationName	electricalUsageTradeItemClassificationName

Participant Dictionary

Attribute Name			Definition		
Electrical Usage Subclassification Name			A sub-classification name provided to drive required information for electrical usage.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	AN/70	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
electricalUsageSubclassificationName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Electrical Usage Subclassification Name	electricalUsageSubclassificationName	electricalUsageSubclassificationName

Participant Dictionary

Attribute Name			Definition		
Electrical Usage Class Resolution Code			The display resolution of a television or computer display. This typically refers to the number of distinct pixels in each dimension that can be displayed.		

Global/TM	IM GUI Tab	M/O/D	Type/Size	Occurrence	Lang Specific
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/9	0 or 1	No

Examples	Reference
For Televisions, typical codes would be 480i, 480p, 720i, 720p, 1080i, 1080p. For monitors, typical codes would be 1024x768, 1280x1024, 1440x900, 1600x1200, 1680x1050, 1920x1200.	See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Display Resolution Codes valid values.

Additional Comments	Business Case

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
electricalUsageClassResolutionCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Electrical Usage Class Resolution Code	displayResolution	displayResolution

Participant Dictionary

Attribute Name			Definition		
Electrical Usage Class Screen Area Value			Identifies the numeric value of the screen area of a television or monitor screen (multiply viewable screen height by viewable screen width).		

Global/TM	IM GUI Tab	M/O/D	Type/Size	Occurrence	Lang Specific
TM	Additional Item Attributes - AIA Sustainability	Optional	N/15,15	0 or more	N

Examples			Reference		

Additional Comments			Business Case		
If Electrical Usage Class Screen Area Value is populated, then Electrical Usage Class Screen Area UOM must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
electricalUsageClassScreenAreaValue

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Electrical Usage Class Screen Area Value	totalScreenArea	totalScreenArea measurementValue value

Attribute Name			Definition		
Electrical Usage Class Screen Area UOM			Identifies the unit of measure associated with the numeric Electrical Usage Class Screen Area Value		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If Electrical Usage Class Screen Area UOM is populated then Electrical Usage Class Screen Area Value must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
electricalUsageClassScreenArea/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Electrical Usage Class Screen Area UOM	N/A*	totalScreenArea measurementValue unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Exist Special Refuse Obligation			Indication that special refuse obligations apply to the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/60	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
existSpecialRefuseObligations

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Exist Special Refuse Obligation	existSpecialRefuseObligations	existSpecialRefuseObligations

Participant Dictionary

Attribute Name			Definition		
Warranty Condition Effective Date Type			The type of date associated with the warranty trade item usually expressed as an event date for the item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Warranty	Optional	AN/70	0 or more	N
Examples			**Reference**		
"Date of Purchase", "Date of Manufacturer", "Date of Delivery", etc.					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
warrantyConditionEffectiveDateType

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Warranty Condition Effective Date Type	warrantyEffectiveDateType	tradeItemWarrantyInformation warrantyEffectiveDateType

Participant Dictionary

Attribute Name			Definition		
Warranty Condition Type			The type of warranty available for the trade item; for example: labor, distance, extended service.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Warranty	Optional	AN/70	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
warrantyConditionType

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Warranty Condition Type	warrantyType	tradeItemWarrantyInformation warrantyType

Participant Dictionary

Attribute Name			Definition		
Warranty Constraint			Determines the relationship between multiple warranty conditions.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Warranty	Optional	AN/35	0 or more	N
Examples			**Reference**		
"and", "or", "greatest", "least", etc.					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
warrantyConstraint

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Warranty Constraint	warrantyConstraint	tradeItemWarrantyInformation warrantyConditions warrantyConstraint

Participant Dictionary

Attribute Name			Definition		
Warranty Period			The time period that the warranty is valid within.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Warranty	Optional	N/15,15	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
If Warranty Period is populated, then Warranty Period UOM must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
warrantyConditionInfo/warrantyPeriod

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Warranty Period	warrantyDuration	warrantyDuration

Attribute Name			Definition		
Warranty Period UOM			Unit of measure associated with Warranty Period.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Warranty	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values.		
Additional Comments			**Business Case**		
If Warranty Period UOM is populated then Warranty Period must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
warrantyPeriodUOM

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Warranty Period UOM	N/A*	warrantyDuration unitOfMeasure

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Warranty Effective Date Type			The type of date associated with the warranty trade item usually expressed as an event date for the item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Warranty	Optional	AN/70	0 or more	N
Examples			**Reference**		
"Date of Purchase", "Date of Manufacturer", "Date of Delivery", etc.					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
warrantyEffectiveDateType

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Warranty Effective Date Type	warrantyEffectiveDateType	tradeItemWarrantyInformation warrantyEffectiveDateType

Participant Dictionary

Attribute Name			Definition		
Warranty Type			The type of warranty available for the trade item; for example: labor, distance, extended service.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Warranty	Optional	AN/70	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
warrantyType

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Warranty Type	warrantyType	tradeItemWarrantyInformation warrantyType

Attribute Name			Definition		
Warranty Information Description			The description of warranty available for the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Warranty	Optional	AN/2500	0 or more	Y
Examples			**Reference**		
Additional Comments			**Business Case**		
Note: This is an optional attribute that can be linked to the "Warranty Conditions" group of attributes. In order to achieve this linkage, the following pairs of attributes must be populated using the precise logic indicated below: • Warranty Condition Effective Date Type must equal Warranty Effective Date Type • Warranty Condition Type must equal Warranty Type When this logic is applied, then the Warranty Information Description will be grouped with the corresponding Warranty Condition.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
warrantyDescriptionInfo/warrantyInformationDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Warranty Information Description	warrantyDescription	tradeItemWarrantyInformation warrantyDescription

Attribute Name			Definition		
Substituted By GTIN			GTIN of the trade item that is temporarily replacing the original GTIN. This attribute should be populated on the original trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Description Information	Optional	I/14	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
substitutedByGTIN

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Substituted By GTIN	substitutedByTradeItem	substitutedByTradeItem/gtin

Attribute Name			Definition		
Substituted GTIN			GTIN of the original trade item that is temporarily being replaced. This attribute should be populated on the replacement trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Description Information	Optional	I/14	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
substitutedGTIN

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Substituted GTIN	substitutedTradeItem	substitutedTradeItem/gtin

Attribute Name			Definition		
Equivalent GTIN			A product which can be substituted for the trade item based on supplier-defined functional equivalence to the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Description Information	Optional	I/14	0 or More	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
equivalentGTIN

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Equivalent GTIN	equivalentTradeItem	equivalentTradeItem/gtin

Participant Dictionary

Attribute Name			Definition		
Is Trade Item Reconditioned?			Indicates whether an item (or one or more of its parts) is remanufactured, rebuilt, or reconditioned		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Description Information	Optional	VV/60	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-Binary Logic Codes valid values		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isTradeItemReconditioned

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Is Trade Item Reconditioned?	isTradeItemReconditioned	isTradeItemReconditioned

Participant Dictionary

Attribute Name			Definition		
First Returnable Date Time			The first date on or after which non-sold trade items can be returned. This information provides the retailer with any conditions required by the information provider as to the date on or after which non-sold trade items may be returned in order to receive credit from the appropriate party.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Date Information	Optional	Date/Time	0 or 1	No
Examples			**Reference**		
2009-04-29T13:58:13					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
firstReturnableDateTime

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
First Returnable Date Time	firstReturnableDateTime	firstReturnableDateTime

Participant Dictionary

Attribute Name			Definition		
Public Release Date			The date from which the neutral trade item information (i.e., not the private information, not relationship-dependent data, and not price data) is available to all members of the target data pool, without restriction. Until this date only the data recipients to whom the data source has explicitly published the data can have access to the data. By setting this date a data source gives permission for wider publication of the generic item data.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Date Information	Optional	Date/Time	0 or 1	No
Examples			**Reference**		
2009-04-29T13:58:13					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
publicReleaseDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Public Release Date	communityVisibilityDateTime	communityVisibilityDateTime

Attribute Name			Definition		
Can Trade Item Be Back Ordered?			Indicates whether a customer's order will be processed (or will remain valid) when it cannot be filled due to insufficient stock.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Ordering Information	Optional	VV/60	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-Binary Logic Codes valid values		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
canTradeItemBeBackOrdered

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Can Trade Item Be Back Ordered?	canTradeItemBeBackOrdered	canTradeItemBeBackOrdered

Attribute Name			Definition		
Is One Time Buy?			Indicates whether an item will only be available for order once (and then discontinued).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Ordering Information	Optional	VV/60	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-Binary Logic Codes valid values		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isOneTimeBuy

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is One Time Buy?	isOneTimeBuy	isOneTimeBuy

Participant Dictionary

Attribute Name			Definition		
Purchase Order Receiver Party Role			The role of the party that is to receive a purchase order (PO) for an item. NOTE: This should qualify the PO Receiver GLN.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Ordering Information	Dependent	VV/60	0 or More	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for valid values		
Additional Comments			**Business Case**		
If Purchase Order Receiver Party Role is populated, then Purchase Order Receiver GLN is required					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
purchaseOrderReceiver/purchaseOrderReceiverPartyRole

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Purchase Order Receiver Party Role	purchaseOrderReceiver	purchaseOrderReceiver/partyRole

Participant Dictionary

Attribute Name			Definition		
Purchase Order Receiver GLN			The GLN of the party that receives the purchase order for the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes – AIA Ordering Information	Optional	AN/13	0 or More	No
Examples			**Reference**		
Additional Comments			**Business Case**		
If Purchase Order Receiver Party Role is populated then Purchase Order Receiver GLN is required					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
purchaseOrderReceiver/purchaseOrderReceiverGLN

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Purchase Order Receiver GLN	purchaseOrderReceiver	purchaseOrderReceiver/ partyIdentification/gln

Attribute Name			Definition		
Degree of Original Wort			This field is specifically for beer products. The specification of the degrees of original wort (sugar, water, yeast, barley, hops, etc.) is used to allocate different kinds of beer to their respective tax group/beer tax rate in some locales.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	FMCG Extension	Optional	N/38, 15	0 or 1	No
Examples			**Reference**		
The beer degree for the allocation of different original wort proportions in different kinds of beer to the respective beer tax group and beer tax rate.					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
degreeOfOriginalWort

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Degree of Original Wort	degreeOfOriginalWort	DegreeOfOriginalWort

** Please note: Attributes that are not sent on 1SYNC's core GDSN CIN message are marked as "N/A", but in some cases may be sent via an extension. Please refer to the appendices of this document for GDSN CIN attribute mapping details for supported extensions.

Attribute Name			Definition		
Percentage of Alcohol per Volume			Percentage of alcohol contained in the base unit trade item. Should only apply at the base consumer unit level. May be a legal requirement in certain countries.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	FMCG Extension	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
`12'					
Additional Comments			**Business Case**		
Percentage must be between 0.0 and 100.0. Note: Suppliers with data loaded under Target Market = Netherlands and having specific GPC codes (as listed below) will be subject to a new validation upon the actions of item add, modify, and append. These GPC codes are: 10000591 10000589 10000144 10000159 10000181 10000227 10003689 10000588 10000263 10000273 10000275 10000276			Percentage is implicit		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
percentageOfAlcoholPerVolume

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Percentage of Alcohol per Volume	percentageOfAlcoholByVolume	percentageOfAlcoholByVolume

Attribute Name			Definition		
Is Ingredient Irradiated			Indicates if radiation has been applied to a trade item's ingredient.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	FMCG Extension	Optional	VV/60	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		
			Should only be submitted if a claim is made on the trade item		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isIngredientIrradiated

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Ingredient Irradiated	IsIngredientIrradiated	ingredientIrradiatedCode

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Attribute Name			Definition		
Is Raw Material Irradiated			Indicates if radiation has been applied to a trade item's raw material.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	FMCG Extension	Optional	VV/60	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		
			Should only be submitted if a claim is made on the trade item. This field is trade item specific, indicating that radium has been applied to the trade item.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isRawMaterialIrradiated

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Raw Material Irradiated	IsRawMaterialIrradiated	rawMaterialIrradiatedCode

Participant Dictionary

Attribute Name			Definition		
Is Trade Item Irradiated			Indicates if radiation has been applied to an trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	FMCG Extension	Optional	VV/60	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		
			Should only be submitted if a claim is made on the trade item. This field is trade item specific, indicating that radium has been applied to the trade item		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isTradeItemIrradiated

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Trade Item Irradiated	isTradeItemIrradiated	tradeItemIrradiatedCode

Participant Dictionary

Attribute Name			Definition		
Genetically Modified			Use this field to indicate if the trade item contains genetically modified contents.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	FMCG Extension	Optional	VV/60	0 or 1	No
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-binary Logic Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
geneticallyModified

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Genetically Modified	isTradeItemGeneticallyModified	tradeItemGeneticallyModifiedCode

Attribute Name			Definition		
Are Batteries Required			Indicates if batteries are required to operate the electronic game.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Battery Information	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Yes/No (GUI) true/false (Batch)			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Boolean valid values.		
Additional Comments			**Business Case**		
If Are Batteries Required is populated, Item Sync Error results if the following dependent attributes are not populated: • areBatteriesIncluded (ENT007)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
areBatteriesRequired

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Are Batteries Required?	areBatteriesRequired	areBatteriesRequired

Attribute Name			Definition		
Are Batteries Included?			Indicates if batteries are either included or not included with the game.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Battery Information	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Yes/No (GUI) true/false (Batch)			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Boolean valid values.		
Additional Comments			**Business Case**		
If Are Batteries Included is populated, Item Sync Error results if the following dependent attributes are not populated: • areBatteriesRequired (ENT007)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
areBatteriesIncluded

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Are Batteries Included?	areBatteriesIncluded	areBatteriesIncluded

Participant Dictionary

Attribute Name			Definition		
Are Batteries Built In?			An indicator whether or not any batteries included with the trade item are built into the trade item during manufacturing. and cannot be changed or removed.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Battery Information	Optional	Non-Binary Logic Codes	0 or 1	No
Examples			**Reference**		
TRUE FALSE			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-Binary Logic Code valid values.		
Additional Comments			**Business Case**		
If Battery Type is populated, Item Sync Error results if the following dependent attributes are not populated: • areBatteriesIncluded (ENT006) • areBatteriesRequired (ENT007) Part of loopable batteryTypeInformation group.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
batteryTypeInformation/areBatteriesBuiltIn

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Are Batteries Built In?	areBatteriesBuiltIn	areBatteriesBuiltIn

Attribute Name			Definition		
Battery Type			Type of battery required to operate the item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Battery Information	Optional	VV/60	0 or 1	No
Examples			**Reference**		
"AA" "D"			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-Binary Logic Code valid values.		
Additional Comments			**Business Case**		
If Battery Type is populated, Item Sync Error results if the following dependent attributes are not populated: • areBatteriesIncluded (ENT006) • areBatteriesRequired (ENT007) Part of loopable batteryTypeInformation group.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
batteryTypeInformation/batteryType

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Battery Type	batteryType	batteryType

Participant Dictionary

Attribute Name			Definition		
Battery Technology Type			The type of battery family of the batteries used by the product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Battery Information	Optional	VV/70	0 or More	No
Examples			**Reference**		
"NiMH" "Lithium"			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Battery Technology Type valid values.		
Additional Comments			**Business Case**		
If Battery Type is populated, Item Sync Error results if the following dependent attributes are not populated: • areBatteriesIncluded (ENT006) • areBatteriesRequired (ENT007) Part of loopable batteryTypeInformation group.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
batteryTypeInformation/batteryTechnologyType

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Battery Technology Type	batteryTechnologyType	batteryTechnologyType

Participant Dictionary

Attribute Name			Definition		
Quantity Of Batteries Required			The number of batteries required to operate the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Battery Information	Optional	I/6	0 or 1	No
Examples			**Reference**		
"10"					
Additional Comments			**Business Case**		
If Battery Type is populated, Item Sync Error results if the following dependent attributes are not populated: • areBatteriesIncluded (ENT006) • areBatteriesRequired (ENT007) Valid values 0-999999 Part of loopable batteryTypeInformation group.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
batteryTypeInformation/quantityOfBatteriesRequired

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Quantity Of Batteries Required	quantityOfBatteriesRequired	quantityOfBatteriesRequired

Participant Dictionary

Attribute Name			Definition		
Quantity Of Batteries Built In			The number of batteries built in that are required to run the product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Battery Information	Optional	I/6	0 or 1	No
Examples			**Reference**		
"10"					
Additional Comments			**Business Case**		
If Battery Type is populated, Item Sync Error results if the following dependent attributes are not populated: • areBatteriesIncluded (ENT006) • areBatteriesRequired (ENT007) Valid values 0-999999 Part of loopable batteryTypeInformation group.					

batteryTypeInformation/quantityOfBatteriesBuiltIn

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Quantity Of Batteries Built In	quantityOfBatteriesBuiltIn	quantityOfBatteriesBuiltIn

Attribute Name			Definition		
Battery Weight			The weight of each battery included with or built into the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Battery Information	Optional	N/38,15	0 or 1	No
Examples			**Reference**		
"10.11"					
Additional Comments			**Business Case**		
If Battery Weight is populated, Item Sync Error results if the following dependent attributes are not populated: • areBatteriesIncluded (ENT006) • areBatteriesRequired (ENT007) Part of loopable batteryTypeInformation group.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
batteryTypeInformation/batteryWeight

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Battery Weight	batteryWeight	batteryWeight

Participant Dictionary

Attribute Name			Definition		
Battery Weight UOM			The unit of measure associated with the Battery Weight		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Battery Information	Dependent	VV/3	0 or 1	No
Examples			**Reference**		
Becomes required if Battery Weight is populated.			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Component Gross Weight UOM valid values.		
Additional Comments			**Business Case**		
If Battery Weight UOM is populated, Item Sync Error results if the following dependent attributes are not populated: • areBatteriesIncluded (ENT006) • areBatteriesRequired (ENT007) • batteryWeight Part of loopable batteryTypeInformation group.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
batteryTypeInformation/batteryWeight@unitOfMeasure

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Battery Weight UOM	batteryTypeInformation/batteryWeight@unitOfMeasure	batteryTypeInformation/batteryWeight@unitOfMeasure

Participant Dictionary

Attribute Name			Definition		
Permit Number			Identification of the permit or license given by the regulatory agency.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Regulatory Information	Dependent	AN/35	0 or 1	No
Examples			**Reference**		
"AN10101"					
Additional Comments			**Business Case**		
If Permit Number is populated, Item Sync Error results if the following dependent attributes are not populated: • Regulatory Act • Regulatory Agency Part of loopable regulatoryInformation group.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
regulatoryInformation/permitIdentification/permitNum

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Permit Number	permitIdentification/regulatoryPermitIdentification	permitIdentification/regulatoryPermitIdentification

Participant Dictionary

Attribute Name			Definition		
Permit Start Date			The start date on which the permit is effective.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Regulatory Information	Optional	Date/Time	0 or 1	No
Examples			**Reference**		
2009-04-29T13:58:13					
Additional Comments			**Business Case**		
If Permit Start Date is populated, Item Sync Error results if the following dependent attributes are not populated: • Regulatory Act • Regulatory Agency • PermitNum Part of loopable regulatoryInformation group.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
regulatoryInformation/permitIdentification/permitStartDate

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Permit Number Start Date	permitIdentification/PermitStartDate	permitIdentification/PermitStartDate

Participant Dictionary

Attribute Name			Definition		
Permit End Date			The date on which the permit expires.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Regulatory Information	Optional	Date/Time	0 or 1	No
Examples			**Reference**		
2009-04-29T13:58:13					
Additional Comments			**Business Case**		
If Permit End Date is populated, Item Sync Error results if the following dependent attributes are not populated: • Regulatory Act • Regulatory Agency • PermitNum Part of loopable regulatoryInformation group.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
regulatoryInformation/permitIdentification/permitEndDate

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Permit Number End Date	permitIdentification/PermitEndDate	permitIdentification/PermitEndDate

Attribute Name			Definition		
Regulatory Act			The name given to the requirement assigned by the regulatory agency.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Regulatory Information	Dependent	AN/80	0 or 1	No
Examples			**Reference**		
"ACT0001"					
Additional Comments			**Business Case**		
If Permit Number is populated, Item Sync Error results if the following dependent attributes are not populated: • Permit Number • Regulatory Agency Part of loopable regulatoryInformation group.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
permitIdentification/regulatoryAct

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Regulatory Act	permitIdentification/regulatoryAct	permitIdentification/regulatoryAct

Participant Dictionary

Attribute Name			Definition		
Regulatory Agency			The required information is the name of the specific entity in charge of issuing the permit to a company.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Regulatory Information	Dependent	AN/80	0 or 1	No
Examples			**Reference**		
"ACT0001"					
Additional Comments			**Business Case**		
If Permit Number is populated, Item Sync Error results if the following dependent attributes are not populated: • Permit Number • Regulatory Act Part of loopable regulatoryInformation group.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
permitIdentification/regulatoryAgency

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Regulatory Agency	permitIdentification/regulatoryAgency	permitIdentification/regulatoryAgency

Participant Dictionary

Attribute Name			Definition		
Individual Unit Min			Minimum size of the individual unit inside the lowest level of packaging.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – AVP Food & Beverage	Optional	Float/38,15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
If individualUnitMinimum and/or individualUnitMaximum are populated, then isTradeItemABaseUnit must be TRUE					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
individualUnitMin

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Individual Unit Min	individualUnitMinimumSize	individualUnitMinimumSize

Participant Dictionary

Attribute Name			Definition		
Individual Unit Min UOM			Unit of Measure of the minimum size of the individual unit inside the lowest level of packaging.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – AVP Food & Beverage	Dependent	AN/70	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Required if Individual Unit Min is populated					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
individualUnitMinUOM

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Individual Unit Min UOM	individualUnitMinimumSize@UOM	individualUnitMinimumSize@UOM

Participant Dictionary

Attribute Name			Definition		
Individual Unit Max			Maximum size of the individual unit inside the lowest level of packaging.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – AVP Food & Beverage	Optional	Float/38,15	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
If individualUnitMinimum and/or individualUnitMaximum are populated, then isTradeItemABaseUnit must be TRUE					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
individualUnitMax

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Individual Unit Max	individualUnitMaximumSize	individualUnitMaximumSize

Participant Dictionary

Attribute Name			Definition		
Individual Unit Max UOM			Unit of Measure of the maximum size of the individual unit inside the lowest level of packaging.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – AVP Food & Beverage	Dependent	AN/70	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Required if Individual Unit Max is populated					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
individualUnitMaxUOM

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Individual Unit Max UOM	individualUnitMaximumSize@UOM	individualUnitMaximumSize@UOM

Attribute Name			Definition		
Trade Item Recall Indicator			An indicator for the Trade Item to determine if the Manufacturer or Supplier has recalled the product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions - Hardlines	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Yes/No (GUI) true/false (Batch)			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Boolean valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isTradeItemRecalled

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Trade Item Recalled?	isTradeItemRecalled	isTradeItemRecalled

Attribute Name			Definition		
Model Number			An indicator for the Trade Item to determine if the Manufacturer or Supplier has recalled the product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions - Hardlines	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Yes/No (GUI) true/false (Batch)			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Boolean valid values.		
Additional Comments			**Business Case**		
Model Number maps to additionalItemIdentification type of ML (MODEL_NUMBER) Outbound					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
Inbound: modelNumber Outbound: modelNumber & additionalItemIdentification

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Model Number	alternateItemIdentification	alternateItemIdentification

Attribute Name			Definition		
Out of Box Depth			The measurement of the depth of the actual Trade Item. These dimensions should be used for Items that differ in size when removed from the packaging.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Hardlines, Office Supplies	Optional	N/15,15	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
All dependent attributes must be populated. Dependent attributes include: • outOfBoxInformationDepth (HDL015) • outOfBoxInformationDepthUOM (HDL016) • outOfBoxInformationHeight (HDL017) • outOfBoxInformationDepthUOM (HDL018) • outOfBoxInformationHWidth (HDL019) • outOfBoxInformationWidthUOM (HDL020) IM will default the schema attribute 'outOfBoxProvided' to 'true', if any OutOfBox information is provided.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
outOfBoxInformationDepth

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Out of Box Depth	outOfBoxInformation/depth	outOfBoxInformation/depth

Attribute Name			Definition		
Out Of Box Depth UOM			Unit of measure associated with Out Of Box Depth.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Hardlines, Office Supplies	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center Out of Box UOM Codes valid values.		
Additional Comments			**Business Case**		
If Out of Box Depth UOM is populated then Out of Box Depth must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
outOfBoxInformationDepth/uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Out of Box Depth UOM	N/A*	outOfBoxInformation/depth@UOM

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Out of Box Width			The measurement of the Width of the actual Trade Item. These dimensions should be used for Items that differ in size when removed from the packaging.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Hardlines, Office Supplies	Optional	N/15,15	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
All dependent attributes must be populated. Dependent attributes include: - outOfBoxInformationDepth (HDL015) - outOfBoxInformationDepthUOM (HDL016) - outOfBoxInformationHeight (HDL017) - outOfBoxInformationDepthUOM (HDL018) - outOfBoxInformationWidth (HDL019) - outOfBoxInformationWidthUOM (HDL020) IM will default the schema attribute 'outOfBoxProvided' to 'true', if any OutOfBox information is provided.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
outOfBoxInformationWidth

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Out of Box Width	outOfBoxInformation/width	outOfBoxInformation/width

Attribute Name			Definition		
Out of Box Width UOM			Unit of measure associated with Out Of Box Depth.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Hardlines, Office Supplies	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center Out of Box UOM Codes valid values.		
Additional Comments			**Business Case**		
If Out of Box Width UOM is populated then Out of Box Depth must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
outOfBoxInformationWidth/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Out of Box Width	N/A*	outOfBoxInformation/width

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Out of Box Height			The measurement of the height of the actual Trade Item. These dimensions should be used for Items that differ in size when removed from the packaging.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Hardlines, Office Supplies	Optional	N/15,15	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
All dependent attributes must be populated. Dependent attributes include: - outOfBoxInformationDepth (HDL015) - outOfBoxInformationDepthUOM (HDL016) - outOfBoxInformationHeight (HDL017) - outOfBoxInformationDepthUOM (HDL018) - outOfBoxInformationHWidth (HDL019) - outOfBoxInformationWidthUOM (HDL020) IM will default the schema attribute 'outOfBoxProvided' to 'true', if any OutOfBox information is provided.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
outOfBoxInformationHeight

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Out of Box Height	outOfBoxInformation/height	outOfBoxInformation/height

Attribute Name			Definition		
Out of Box Height UOM			Unit of measure associated with Out Of Box Height.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Hardlines, Office Supplies	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center Out of Box UOM Codes valid values.		
Additional Comments			**Business Case**		
If Out of Box Height UOM is populated then Out of Box Depth must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
outOfBoxInformationHeight/uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Out of Box Height	N/A*	outOfBoxInformation/Height

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Units Per Trade Item			Numeric value to indicate number of physical pieces used to make up the Consumer Unit. Used if there is more than one piece in one Trade Item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Hardlines, Office Supplies	Optional	N/15,15	0 to 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
unitsPerTradeItem

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Units Per Trade Item	unitsPerTradeItem	unitsPerTradeItem

Attribute Name			Definition		
Units Per Trade Item UOM			Unit of measure associated with Units Per Trade Item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Hardlines, Office Supplies	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center Out of Box UOM Codes valid values.		
Additional Comments			**Business Case**		
If Units Per Trade Item UOM is populated then Units Per Trade Item must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
unitsPerTradeItem/uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Units Per Trade Item UOM	N/A*	unitsPerTradeItem@uom

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Return Goods Policy			A code that describes the policy for defective, damaged or non-salable goods.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Hardlines, Office Supplies	Optional	AN/60	0 to 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
returnGoodsPolicy

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Return Goods Policy	rightOfReturnForNonSoldTradeItem/returnGoodsPolicy	rightOfReturnForNonSoldTradeItem/returnGoodsPolicy

Attribute Name			Definition		
Is Frost Resistant			Indicates if the trade item is resistant to frost and can thus be used outside.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	VV/60	0 to 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Non-Binary Logic Code valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isFrostResistant

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Frost Resistant?	isFrostResistant	isFrostResistant

Attribute Name			Definition		
URL for Warranty			Indicates the location of the URL that contains the warranty information of the Item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Hardlines, Office Supplies	Optional	AN/1000	0 to 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		
If both 'urlForWarranty' or 'warrantyDescription' are populated, then "warrantyDescription" will be sent.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isFrostResistant

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
URL for Warranty	urlForWarranty	urlForWarranty

Participant Dictionary

Attribute Name			Definition		
Warranty Description			Description of the warranty information as found on the Item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Hardlines, Office Supplies	Optional	AN/1000	0 or More	Y
Examples			**Reference**		
Additional Comments			**Business Case**		
If both 'urlForWarranty' or 'warrantyDescription' are populated, then "warrantyDescription" will be sent.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
warrantyDescription

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Warranty Description	warrantyDescription	warrantyDescription

Participant Dictionary

Attribute Name			Definition		
Temperature Condition Type Code			The condition of the product sold to the end consumer for example thawed or frozen.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Hardlines	Optional	VV/70	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Temperature Condition Type Code valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemTemperatureConditionTypeCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Temperature Condition Type Code	tradeItemTemperatureConditionTypeCode	tradeItemTemperatureConditionTypeCode

Participant Dictionary

Attribute Name			Definition		
Condition Type Code			A code depicting the type of preparation that a trade item will have before being sold to the end consumer (e.g. cut for sale, portioned/pieced). This preparation can be done either by the supplier or the retailer or other parties involved. The style of preparation may be determined by either industry standards, the supplier or the retailer.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Hardlines	Optional	VV/70	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Condition Type Code valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemConditionTypeCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Condition Type Code	tradeItemConditionTypeCode	tradeItemConditionTypeCode

Attribute Name			Definition		
Post Consumer Recycled Material Content			Identifies the percentage of post-consumer material that has been used to make this trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	I/5	0 or More	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • postConsumerRecycledMaterialContent (FFC001) • totalRecyclableContent (FFC002)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
postConsumerRecycledMaterialContent

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Post Consumer Recycled Material Content	postConsumerRecycledMaterialContent	postConsumerRecycledMaterialContent

Attribute Name			Definition		
Total Recyclable Content			The amount of post- and pre-consumer recycled material used to make this trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	I/5	0 or More	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • postConsumerRecycledMaterialContent (FFC001) • totalRecyclableContent (FFC002)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
totalRecyclableContent

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Total Recyclable Content	totalRecyclableContentPercentage	totalRecyclableContentPercentage

Participant Dictionary

Attribute Name			Definition		
Is Radio Frequency on Packaging?			A Boolean (true/false or 1/0) attribute indicating if there is a radio frequency ID (RFID) on the packaging.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Yes/No (GUI) true/false (Batch)			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Boolean valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isRadioFrequencyIDOnPackaging

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Radio Frequency on Packaging?	isRadioFrequencyIDOnPackaging	isRadioFrequencyIDOnPackaging

Participant Dictionary

Attribute Name			Definition		
Is Assembly Required?			A Boolean (true/false or 1/0) attribute indicating that the items in the package need to be assembled.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Yes/No (GUI) true/false (Batch)			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Boolean valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isAssemblyRequired

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Assembly Required?	isAssemblyRequired	isAssemblyRequired

Attribute Name			Definition		
Is Product Customizable?			A Boolean (true/false or 1/0) attribute indicating whether the item that the retailer markets is customizable.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Yes/No (GUI) true/false (Batch)			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Boolean valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isProductCustomizable

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Product Customizable?	isProductCustomizable	isProductCustomizable

Attribute Name			Definition		
Is Trade Item A NonFunctioning Display Unit?			A Boolean (true/false or 1/0) indicating if the item is a non-functioning item used for display purposes only. Typically, it is the shell of the item it represents.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Yes/No (GUI) true/false (Batch)			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Boolean valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isTradeItemANonFunctioningDisplayUnit

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Trade Item A NonFunctioning Display Unit?	isTradeItemANonFunctioningDisplayUnit	isTradeItemANonFunctioningDisplayUnit

Attribute Name			Definition		
Is Trade Item Direct Shippable?			A Boolean (true/false or 1/0) attribute indicating whether or not this item is able to be shipped directly from the supplier to the consumer.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Yes/No (GUI) true/false (Batch)			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Boolean valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isTradeItemDirectShippable

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Trade Item Direct Shippable?	isTradeItemDirectShippable	isTradeItemDirectShippable

Attribute Name			Definition		
Is Trade Item Shipped In Multiple Containers?			A Boolean (true/false or 1/0) attribute indicating whether or not the trade item is shipped in more than 1 box.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	Boolean	0 or 1	No
Examples			**Reference**		
Yes/No (GUI) true/false (Batch)			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Boolean valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
isTradeItemShippedInMultipleContainers

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Is Trade Item Shipped In Multiple Containers?	isTradeItemShippedInMultipleContainers	isTradeItemShippedInMultipleContainers

Participant Dictionary

Attribute Name			Definition		
Total Number of Components			Total number of boxes shipped for the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	I/8	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
totalNumberOfComponents

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Total Number of Components	totalNumberOfComponents	totalNumberOfComponents

Attribute Name			Definition		
Component Number			Box number being shipped for the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	I/8	0 or More	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Component Number required if any dependent attributes are populated. Dependent attributes include: • descriptionOfContents (FFC013) • componentHeight (FFC016) • componentHeightUOM (FFC017) • componentWidth (FCC018) • componentWidthUOM (FCC019) • componentDepth (FCC014) • componentDepthUOM (FCC015)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
officeComponentInformation/componentNumber

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Component Number	componentNumber	componentNumber

Participant Dictionary

Attribute Name			Definition		
Component Description			Text that describes that component.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	AN/35	0 or More (by lang)	Yes
Examples			**Reference**		
Additional Comments			**Business Case**		
Component Number required if Component Description is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
officeComponentInformation/componentDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
componentDescription	componentDescription	componentDescription

Participant Dictionary

Attribute Name			Definition		
Component Identification			The required data to uniquely identify a component		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	AN/70	0 or 1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Component Number required if Component Identification is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
officeComponentInformation/componentIdentification

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Component Identification	componentIdentification	componentIdentification

Participant Dictionary

Attribute Name			Definition		
Description of Contents			Box number being shipped for the trade item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	I/8	0 or More	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Component Number required if descriptionOfContents is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
officeComponentInformation/descriptionOfContents

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Description of Contents	contentsDescription/longText	contentsDescription/longText

Attribute Name			Definition		
Component Depth			The measurement from front to back of the component of the trade item. The measurement includes the packaging.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	N/15,15	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Component Number required if componentDepth is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
componentDepth

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Component Depth	componentDepth/measurementValue/value	componentDepth/measurementValue/value

Attribute Name			Definition		
Component Depth UOM			Unit of measure associated with Component Depth		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center Out of Box UOM Codes valid values.		
Additional Comments			**Business Case**		
If Component Depth UOM is populated then Component Depth must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
componentDepth@uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Component Depth UOM	N/A*	componentDepth/measurementValue/value@UOM

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Component Height			The measurement of the Height of the component of the trade item. The vertical dimension from the lowest extremity to the highest extremity, including packaging.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	N/15,15	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Component Number required if componentHeight is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
componentHeight

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Component Height	componentHeight /measurementValue/value	componentHeight/measurementValue/value

Attribute Name			Definition		
Component Height UOM			Unit of measure associated with Component Height		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center Out of Box UOM Codes valid values.		
Additional Comments			**Business Case**		
If Component Height UOM is populated then Component Height must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
componentHeight@uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Component Height UOM	N/A*	componentHeight/measurementValue/value@UOM

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Component Width			The measurement from left to right of the component of the trade item. The measurement includes the packaging.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	N/15,15	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Component Number required if componentWidth is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
componentWidth

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Component Width	componentWidth/measurementValue/value	componentWidth/measurementValue/value

Participant Dictionary

Attribute Name			Definition		
Component Width UOM			Unit of measure associated with Component Width		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center Out of Box UOM Codes valid values.		
Additional Comments			**Business Case**		
If Component Width UOM is populated then Component Width must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
componentWidth@uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Component Width UOM	N/A*	componentWidth/measurementValue/value@UOM

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Component Gross Weight			Used to identify the Gross Weight of the component of the trade item. The Gross Weight includes all packaging materials of the component.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	N/15,15	0 or more	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Component Number required if componentGrossWeight is populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
componentGrossWeight

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Component Gross Weight	componentGrossWeight/measurementValue/value	componentGrossWeight/measurementValue/value

Participant Dictionary

Attribute Name			Definition		
Component Gross Weight UOM			Unit of measure associated with Component Gross Weight		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center Out of Box UOM Codes valid values.		
Additional Comments			**Business Case**		
If Component Gross Weight UOM is populated then Component Gross Weight must be populated.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
componentGrossWeight@uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Component Gross Weight UOM	N/A*	componentGrossWeight/measurementValue/value@UOM

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Primary Alternate Trade Item			Item that is similar to the product but is not an exact match to the product. Same form/fit/function.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	I/14	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Item Sync Response results if value is not numeric digits 0-9. For trade items where the Target Market = Netherlands, GTIN numbers starting with 0020-0029, 0040-0049, and 0200-0299 are not allowed.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
primaryAlternateTradeItem

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Primary Alternate Trade Item	primaryAlternateTradeItem/gtin	primaryAlternateTradeItem/gtin

Attribute Name			Definition		
Dependent Proprietary Trade Item			This refers to a GTIN that is required in order to make another GTIN functional. The manufacturer for this GTIN and the dependent GTIN should be the same		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	I/14	0 or More	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Item Sync Response results if value is not numeric digits 0-9. For trade items where the Target Market = Netherlands, GTIN numbers starting with 0020-0029, 0040-0049, and 0200-0299 are not allowed.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
dependentProprietaryTradeItemGTIN

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Dependent Proprietary Trade Item	dependentProprietaryTradeItem/gtin	dependentProprietaryTradeItem/gtin

Participant Dictionary

Attribute Name			Definition		
Consumer Package Disclaimer			Additional product information that should be disclosed in advertising or signage.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	AN/1000	0 or More (by Lang)	Y
Examples			**Reference**		
Additional Comments			**Business Case**		
All languages will be mapped					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
consumerPackageDisclaimers/consumerPackageDisclaimer

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Consumer Package Disclaimer	consumerPackageDisclaimer/long Text	consumerPackageDisclaimer/long Text

Attribute Name			Definition		
Warning Copy Description			Additional information outlining any special requirements.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	AN/1000	0 or More (by Lang)	Y
Examples			**Reference**		
Additional Comments			**Business Case**		
All languages will be mapped					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
warningCopyDescriptions/warningCopyDescription

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Warning Copy Description	warningCopyDescription/longText	warningCopyDescription/longText

Attribute Name			Definition		
Display Dimension Width			The width dimension of a trade item under certain display scenarios (Display Dimension Types) when they differ from the standard measurements provided under the Package		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	N/15,15	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • displayDimensionDepth (FFC025) • displayDimensionDepthUOM (FFC026) • displayDimensionHeight (FFC027) • displayDimensionHeightUOM (FFC028) • displayDimensionWidth (FFC029) • displayDimensionWidthUOM (FFC030)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
displayDimensionWidth

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Display Dimension Width	displayDimensionWidth/measurementValue/value	displayDimensionWidth/measurementValue/value

Participant Dictionary

Attribute Name			Definition		
Display Dimension Width UOM			Unit of measure associated with Display Dimension Width		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center Display Dimension UOM Codes valid values.		
Additional Comments			**Business Case**		
Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • displayDimensionDepth (FFC025) • displayDimensionDepthUOM (FFC026) • displayDimensionHeight (FFC027) • displayDimensionHeightUOM (FFC028) • displayDimensionWidth (FFC029) • displayDimensionWidthUOM (FFC030)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
DisplayDimensionWidth@uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Display Dimension Width UOM	N/A*	displayDimensionWidth/measurementValue/value@UOM

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Display Dimension Depth			The depth dimension of a trade item under certain display scenarios (Display Dimension Types) when they differ from the standard measurements provided under the Package		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	N/15,15	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • displayDimensionDepth (FFC025) • displayDimensionDepthUOM (FFC026) • displayDimensionHeight (FFC027) • displayDimensionHeightUOM (FFC028) • displayDimensionWidth (FFC029) • displayDimensionWidthUOM (FFC030)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
displayDimensionDepth

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Display Dimension Depth	displayDimensionDepth/measurementValue/value	displayDimensionDepth/measurementValue/value

Participant Dictionary

Attribute Name			Definition		
Display Dimension Depth UOM			Unit of measure associated with Display Dimension Depth		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center Display Dimension UOM Codes valid values.		
Additional Comments			**Business Case**		
Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • displayDimensionDepth (FFC025) • displayDimensionDepthUOM (FFC026) • displayDimensionHeight (FFC027) • displayDimensionHeightUOM (FFC028) • displayDimensionWidth (FFC029) • displayDimensionWidthUOM (FFC030)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
DisplayDimensionDepth@uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Display Dimension Depth UOM	N/A*	displayDimensionDepth/measurementValue/value@UOM

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Display Dimension Height			The height dimension of a trade item under certain display scenarios (Display Dimension Types) when they differ from the standard measurements provided under the Package		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Optional	N/15,15	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • displayDimensionDepth (FFC025) • displayDimensionDepthUOM (FFC026) • displayDimensionHeight (FFC027) • displayDimensionHeightUOM (FFC028) • displayDimensionWidth (FFC029) • displayDimensionWidthUOM (FFC030)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
displayDimensionHeight

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Display Dimension Height	displayDimensionHeight/measurementValue/value	displayDimensionHeight/measurementValue/value

Attribute Name			Definition		
Display Dimension Height UOM			Unit of measure associated with Display Dimension Height		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Extensions – Office Supplies	Dependent	VV/3	0 or more	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center Display Dimension UOM Codes valid values.		
Additional Comments			**Business Case**		
Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • displayDimensionDepth (FFC025) • displayDimensionDepthUOM (FFC026) • displayDimensionHeight (FFC027) • displayDimensionHeightUOM (FFC028) • displayDimensionWidth (FFC029) • displayDimensionWidthUOM (FFC030)					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
DisplayDimensionHeight@uom

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Display Dimension Height UOM	N/A*	displayDimensionHeight/measurementValue/value@UOM

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Flammable Aerosol Containment Code			Determines whether the propellant in the trade item is an aerosol and whether the aerosol is considered flammable.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	VV/35	0 or 1	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Flammable Aerosol Containment Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
flammableAerosolContainmentCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Flammable Aerosol Containment Code	flammableAerosolContainmentCode	flammableAerosolContainmentCode

Participant Dictionary

Attribute Name			Definition		
Flammable Gas Weight			**This is the weight of the flammable gas in the trade item.**		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes - AIA Sustainability	Optional	N/23,15	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
flammableGasWeight

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Flammable Gas Weight	flammableGasWeight	flammableGasWeight

Participant Dictionary

Attribute Name			Definition		
Operating Environment			The physical area(s) in which the manufacturer has designed the unit to be operated or installed for example underground, underwater, inside, outside etc.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	AN/70	0 or More	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Flammable Aerosol Containment Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
TradeItemOperatingEnvironment

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Operating Environment	TradeItemOperatingEnvironment	TradeItemOperatingEnvironment

Attribute Name			Definition		
Consumer Safety Information			The physical area(s) in which the manufacturer has designed the unit to be operated or installed for example underground, underwater, inside, outside etc.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	AN/70	0 or More	N
Examples			**Reference**		
			See *1SYNC IM Valid Values* document on the 1SYNC Solution Center for Flammable Aerosol Containment Codes valid values.		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
consumerSafetyInformation

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Consumer Safety Information	consumerSafetyInformation	consumerSafetyInformation

Participant Dictionary

Attribute Name			Definition		
Shipping Quantity Minimum			Minimum shipping quantity agreed between trading partners.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	General	Optional	I/11	0 or More	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
shippingQuantityMinimum

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Shipping Quantity Minimum	shippingQuantityMinimum	shippingQuantityMinimum

Attribute Name			Definition		
Supplier Specified Minimum Consumer Storage Days			The product life in number of days, which the manufacturer recommends the retailer, gives the consumer before the use by Date. Difference in days between product's "sell by Date" and it's "use by Date."		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Handling & Delivery	Optional	I/11	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
supplierSpecifiedMinimumConsumerStorageDays

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Supplier Specified Minimum Consumer Storage Days	supplierSpecifiedMinimumConsumerStorageDays	supplierSpecifiedMinimumConsumerStorageDays

Attribute Name	Definition
Variable Weight Allowable Deviation Percentage	Indication of the percentage value that the actual weight of the trade item may differ from the average or estimated weight given. For example, Roast beef off the bone 3.5 kg, Gross weight 3500 Grams, Range = 14 %. This means that this item may be produced with weight values ranging from 3.010 kg to 3.990 kg.

Global/TM	IM GUI Tab	M/O/D	Type/Size	Occurrence	Lang Specific
TM	Measures	Optional	N/23,15	0 or 1	N

Examples	Reference

Additional Comments	Business Case

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
variableWeightAllowableDeviationPercentage

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Variable Weight Allowable Deviation Percentage	variableWeightAllowableDeviation Percentage	variableWeightAllowableDeviation Percentage

Participant Dictionary

Attribute Name			Definition		
Variable Weight Range Maximum			Variable Weight Range Maximum (also called Catchweight Range Maximum) identifies the highest or ceiling weight of a variable weight product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Optional	N/23,15	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
variableWeightRangeMaximum

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Variable Weight Range Maximum	variableWeightRangeMaximum	variableWeightRangeMaximum

Attribute Name			Definition		
Variable Weight Range Maximum UOM			The unit of measure for the Variable Weight Range Maximum.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Optional	N/23,15	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Required if Variable Weight Range Maximum is provided.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
variableWeightRangeMaximum@uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Variable Weight Range Maximum UOM	*	variableWeightRangeMaximum@uom

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Participant Dictionary

Attribute Name			Definition		
Variable Weight Range Minimum			Variable Weight Range Minimum (also called Catchweight Range Maximum) identifies the lowest or floor weight of a variable weight product.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Optional	N/23,15	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
variableWeightRangeMinimum

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Variable Weight Range Minimum	variableWeightRangeMinimum	variableWeightRangeMinimum

Attribute Name			Definition		
Variable Weight Range Minimum UOM			The unit of measure for the Variable Weight Range Minimum.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Measures	Optional	N/23,15	0 or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		
Required if Variable Weight Range Minimum is provided.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)

variableWeightRangeMinimum@uom

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Variable Weight Range Minimum UOM	*	variableWeightRangeMinimum@uom

*Please note: All corresponding Unit of Measures (UOM) for a given attribute are implied in the BMS, i.e. Depth UOM. An attribute such as Depth will not have a separate attribute for the UOM. However, the unit of measure will be sent within the attribute.

Attribute Name			Definition		
Language Specific Brand Name			The recognisable name used by a brand owner to uniquely identify a line of trade item or services expressed in a different language than the primary brand name (brandName).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Product Description	Optional	AN/70	0 Or More	Y
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
languageSpecificBrandName

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Language Specific Brand Name	languageSpecificBrandName	languageSpecificBrandName

Participant Dictionary

Attribute Name			Definition		
Trade Item Included Accessories			Any included object or device not part of the core product itself but which adds to its functionality or use		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Marketing	Optional	AN/1000	0 Or More	Y
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemIncludedAccessories

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Trade Item Included Accessories	tradeItemIncludedAccessories	tradeItemIncludedAccessories

Participant Dictionary

Attribute Name			Definition		
TradeItem Grade Code			A code indicating the degree of refinement, features, or capabilities for a trade item for example the quality grade of a ceramic tile		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Marketing	Optional	AN/35	0 Or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemGradeInformation/gradeCode

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
TradeItem Grade Code	tradeItemGradeInformation/gradeCode	tradeItemGradeInformation/gradeCode

Attribute Name			Definition		
Trade Item Grade Code Agency			An agency that manages a grade code list.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Marketing	Optional	AN/70	0 Or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemGradeInformation/ gradeCodeAgency

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Trade Item Grade Code Agency	tradeItemGradeInformation/ gradeCodeAgency	tradeItemGradeInformation/ gradeCodeAgency

Attribute Name			Definition		
TradeItem Grade Code List Identification			The identification of a code list which includes grades for an item or service		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Marketing	Optional	AN/70	0 Or 1	N
Examples			**Reference**		
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
tradeItemGradeInformation/ gradeCodeListIdentification

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Trade Item Grade Code List Identification	tradeItemGradeInformation/ gradeCodeListIdentification	tradeItemGradeInformation/ gradeCodeListIdentification

Participant Dictionary

Attribute Name			Definition		
Brand Owner Additional Trade Item Identification Type			Code used to identify additional brand owner identification value.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Marketing	Optional	AN/70	0 Or 1	N
Examples			**Reference**		
DUNS DUNS_PLUS_FOUR					
Additional Comments			**Business Case**		
Can provide additional Identification types and values by looping out group. If Brand Owner Additional Trade Item Identification Type is provided, Brand Owner Additional Trade Item Identification Value must be provided.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
brandOwnerAdditionalTradeItemIdentification/brandOwnerAdditionalIdType

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Brand Owner Additional Trade Item Identification Type	brandOwnerOfTradeItem/brandOwner/additionalPartyIdentification/additionalPartyIdentificaionType	brandOwnerOfTradeItem/brandOwner/additionalPartyIdentification/additionalPartyIdentificaionType

Participant Dictionary

Attribute Name			Definition		
Brand Owner Additional Trade Item Identification Value			Number used to identify the brand owner when not using GLN. May or may not be the same entity as the information provider.		

Global/TM	IM GUI Tab	M/O/D	Type/Size	Occurrence	Lang Specific
TM	AIA – Marketing	Optional	AN/70	0 Or 1	N

Examples			Reference		
99009900					

Additional Comments			Business Case		
Can provide additional Identification types and values by looping out group. If Brand Owner Additional Trade Item Identification Value is provided, Brand Owner Additional Trade Item Identification Type must be provided.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
brandOwnerAdditionalTradeItemIdentification/brandOwnerAdditionalIdValue

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Brand Owner Additional Trade Item Identification Value	brandOwnerOfTradeItem/brandOwner/additionalPartyIdentification/additionalPartyIdentificaionValue	brandOwnerOfTradeItem/brandOwner/additionalPartyIdentification/additionalPartyIdentificaionValue

Participant Dictionary

Attribute Name			Definition		
Information Provider Additional Trade Item Identification Type			Code used to identify additional **Information Provider** identification value.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Marketing	Optional	AN/70	0 Or 1	N
Examples			**Reference**		
DUNS DUNS_PLUS_FOUR					
Additional Comments			**Business Case**		
Can provide additional Identification types and values by looping out group. If Information Provider Additional Trade Item Identification Type is provided, Information Provider Additional Trade Item Identification Value must be provided.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
informationProviderAdditionalTradeItemIdentification/informationProviderAdditionalIdType

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Information Provider Additional Trade Item Identification Type	informationProviderOfTradeItem/informationProvider/additionalPartyIdentification/additionalPartyIdentificaionType	informationProviderOfTradeItem/informationProvider/additionalPartyIdentification/additionalPartyIdentificaionType

Participant Dictionary

Attribute Name			Definition		
Information Provider Additional Trade Item Identification Value			Number used to identify the Information Provider when not using GLN.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	AIA – Marketing	Optional	AN/70	0 Or 1	N
Examples			**Reference**		
99009900					
Additional Comments			**Business Case**		
Can provide additional Identification types and values by looping out group. If Information Provider Additional Trade Item Identification Value is provided, Information Provider Additional Trade Item Identification Type must be provided.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
informationProviderAdditionalTradeItemIdentification/brandOwnerAdditionalIdValue

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Information Provider Additional Trade Item Identification Value	informationProviderOfTradeItem/informationProvider/additionalPartyIdentification/additionalPartyIdentificaionValue	informationProviderOfTradeItem/informationProvider/additionalPartyIdentification/additionalPartyIdentificaionValue

Participant Dictionary

Attribute Name			Definition		
Parent Item			Unique product identification number (GTIN) for a parent item with lower-level trade items (children) in a product hierarchy.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Links	Mandatory	I/14	1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
The link transaction is separate from the item add transaction. The link transaction cannot be sent until a all items have been successfully added into 1SYNC Item Management.					

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
link/parentItem/gtin

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Parent Item	globalTradeItemNumber	gtin

Participant Dictionary

Attribute Name			Definition		
Child Item			Unique product identification number (GTIN) for a child item with a higher-level trade item (parent) in a product hierarchy. This item may repeat in the case of a combination pack (multiple GTINs in lower level).		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Links	Mandatory	I/14	1	No
Examples			**Reference**		
GTIN "00000000000000" contained in GTIN "11111111111111"					
Additional Comments			**Business Case**		
The link transaction is separate from the item add transaction. The link transaction cannot be sent until a successful add of the Items is in 1SYNC Item Management.			Allowed for more than 1 reference to lower levels to allow for the registration of Mixed Assortments. The sequence of entering GTINs is important when a next lower level GTIN is to be linked. The next lower level GTIN must already exist, therefore the order of trade items to be entered should be from lowest to highest e.g. consumer, then intermediate, then traded, etc.		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
link/childItem/gtin

1SYNC IM GUI Field	**BMS 2.8**	**GDSN CIN**
Child Item	tradeItemIdentificationofNextLowerLevelTradeItem	nextLowerLevelTradeItemInformation

Attribute Name			Definition		
Link Quantity			The number of child items contained in a trade item. The sum of the quantities of direct child links must equal the Qty of Next Level Item(s) of the Parent Item.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
Global	Links	Mandatory	I/10	1	No
Examples			**Reference**		
Additional Comments			**Business Case**		
Valid Values: 0-9999999999 Note: In the GDSN CIN message, 1SYNC IM will error the hierarchy and send an Item Sync Response back to the information provider at the time of item synchronization if the value is greater than 6 digits Note: This attribute was formerly displayed as "Quantity of Child Item" in this document.			This trade item may repeat if the GTIN of the lower level configuration repeats (e.g. if a combo-pack (mixed trade item) such as an assortment of crisps contains both chicken and cheese packets, the lowest level GTIN is that of each trade item in the assortment, not the GTIN of the assortment).		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
link/childItem/quantity

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Link Quantity	quantityOfNextLowerLevelTradeItem	quantityOfNextLowerLevelTradeItem

Participant Dictionary

Attribute Name			Definition		
Statistical Reporting Measurement			The amount of the trade item net of any packaging (e.g. Box, Spool) provided for statistical reporting purposes. In the EU, the Supplementary Unit of the Intrastat Supplementary Declaration, provided when the Net Mass in Kilograms is not acceptable based on the Commodity Classification for Foreign Trade Statistics. For example, ice cream is reported in net mass so no supplementary unit is required. Carpets are reported in square metres, so the area of carpet of the trade item should be shown in statistical Reporting Measurement in square metres.		
Global/TM	**IM GUI Tab**	**M/O/D**	**Type/Size**	**Occurrence**	**Lang Specific**
TM	Additional Item Attributes –AIA Measures	Mandatory	N/30,15	0 or 1	N
Examples			**Reference**		
10.51 CM 12.45 MM					
Additional Comments			**Business Case**		

1SYNC XML Attribute Name (both inbound and outbound values shown where different)
statisticalReportingMeasurement

1SYNC IM GUI Field	BMS 2.8	GDSN CIN
Statistical Reporting Measurement	statisticalReportingMeasurement	statisticalReportingMeasurement

KEY DETAILS ABOUT THE APPENDICES OF THIS DOCUMENT

Valid Value Code List Appendices Removed

Please note that the valid value "code list" appendices (listed below with their former names) have been removed from this document – all valid codes/values are available in *1SYNC IM Valid Values List* document on the 1SYNC Solution Center.

APPENDIX A – UNIT OF MEASURE CODES
APPENDIX B – LANGUAGE CODES
APPENDIX C – CURRENCY CODES
APPENDIX D – COUNTRY CODES
APPENDIX F – PRODUCT TYPE CODES
APPENDIX G – PRODUCT SIZE CODE AGENCIES
APPENDIX H – EAN UCC CODES
APPENDIX I – DANGEROUS GOODS REGULATION CODES
APPENDIX J – PALLET TYPE CODES
APPENDIX K – PACKAGING TYPE CODES
APPENDIX M –HANDLING INSTRUCTION CODES
APPENDIX P – ALTERNATE ITEM IDENTIFICATION MAINTENANCE AGENCY CODES
APPENDIX S – STANDARD EANUCC PACKAGING MATERIAL CODE DESCRIPTIONS
APPENDIX W – ALTERNATE ITEM CLASSIFICATION SCHEME VALID VALUES
APPENDIX AA – BAR CODE TYPE
APPENDIX AB – COLOR CODE MAINTENANCE AGENCY
APPENDIX AC – CLASS COMPLIANCE REGULATION CODES
APPENDIX AD – IMPORT CLASSIFICATION TYPE
APPENDIX AE - MATERIAL AGENCY CODE
APPENDIX AF - MATERIAL WEIGHT UOM
APPENDIX AG - ORGANIC CLAIM AGENCY
APPENDIX AH - ORGANIC TRADE ITEM CODE
APPENDIX AI - PACKAGE MARKS DIET ALLERGEN
APPENDIX AJ - PACKAGE MARKS ENVIRONMENT
APPENDIX AK - PACKAGE MARKS ETHICAL
APPENDIX AL - PACKAGING MARKED EXPIRATION DATE TYPE
APPENDIX AM - PACKAGE MARKS FREE FORM
APPENDIX AN - TERMS AND CONDITIONS CODE
APPENDIX AO - PALLET TERMS AND CONDITIONS
APPENDIX AP - PRICE BY MEASURE TYPE
APPENDIX AQ - PRICE COMPARISON CONTENT TYPE
APPENDIX AR - PRIMARY DELIVERY METHOD
APPENDIX AS - SEASON PARAMETER
APPENDIX AT - SECURITY TAG LOCATION
APPENDIX AU - SECURITY TAG TYPE
APPENDIX AV - SIZE DIMENSION
APPENDIX AW - SIZE GROUP
APPENDIX AX - SIZE SYSTEM UOM

APPENDIX AY - SIZE TYPE
APPENDIX AZ - SPECIAL ITEM CODE
APPENDIX BA - TARGET CONSUMER GENDER
APPENDIX BB - TIME UOM
APPENDIX BC - VARIABLE TRADE ITEM TYPE

CIN Extension Guides Converted to Participant Dictionary Appendices

In an effort to consolidate all supported 1SYNC attributes into a single searchable document, the content and attribute mapping information formerly contained within separate 1SYNC "CIN extension" documents on the 1SYNC Solution Center will now be

In an effort to reduce impact to customers, any former Participant Dictionary appendices that are remaining in this document will keep their former Appendix name/letter designations (for example, mandatory attributes will still be listed in "Appendix N"). The CIN extension appendices will be named appropriately based on the extension name – for example, French extension information will be contained in new "Appendix FR".

Each extension appendix will provide any relevant information on market segments served, any "trigger attributes" that when populated would cause the extension to be sent, as well as any additional information relating to configuring the extention (where appropriate). Most importantly, these extension appendices contain attribute mapping tables that contain all necessary information on how to populate the attributes on that extension. A typical attribute mapping table in an extension appendix will contain the following columns:

- **IM GUI Attribute Name**
- **1SYNC XML Name** (exceptions are noted where inbound and outbound names differ)
- **GDSN CIN Extension Name**
- **Spreadsheet Load Tool Attribute Qualifier (ATII)**
- **M/O/D to map extension** (is this attribute Mandatory, Optional, or Dependent specifically pertaining to the extension)
- **Data Type**
- **Min/Max Length**
- **Occurrence**
- **Business Definition**
- **Logic / Mapping Notes** (any validations, dependencies, or other notes that are necessary to implement the attribute in this extension)

APPENDIX B – BRAND IDENTITY ATTRIBUTES

Please be aware that the attributes listed below are subject to validations originating in the 1SYNC Brand Identity solution. For more information on 1SYNC Brand Identity, refer to the *Brand Identity Online User Guide* on the 1SYNC Solution Center.

Brand Name
Depth
Depth UOM
EANUCC Code
EANUCC Type
Global Item Classification Code (GPC Code)
Gross Weight
Gross Weight UOM
Height
Height UOM
Net Content
Net Content UOM
Net Weight
Net Weight UOM
Product Type
Qty of Next Level Item(s)
Width
Width UOM

APPENDIX E – BMS 2.8 AND GDSN CIN REFERENCE TABLES

Please note that the content formerly displayed in this appendix is now available in the *1SYNC Cross-Platform Attribute List* document. This document provides the 1SYNC IM GUI field names, GDSN CIN names, tXML names, and 1SYNC XML names in a format that can be easily searched, filtered, or sorted.

APPENDIX N – LIST OF 1SYNC IM MANDATORY FIELDS – TRADE ITEM ATTRIBUTES

Trade Item Attribute	Trade Item Attribute IM GUI Tab
Global Trade Item Number (GTIN)	Basic
GTIN Name	Basic
Product Type	Basic
Target Market	Basic
Language	Basic
Information Provider (GLN)	Global
Brand Name	Global
Global Item Classification Code (GPC)	Global
Qty of Next Level Item(s)	Global
Ordering Unit Indicator	General
Start Availability Date	Dates & Status
Parent Item	Links
Child Item	Links
Link Quantity	Links
Height	Measures
Height UOM	Measures
Width	Measures
Width UOM	Measures
Depth	Measures
Depth UOM	Measures

- If Consumer Unit Indicator = "Yes" then the Net Content field becomes required.
- If isTradeItemAService = "No" then the Gross Weight field becomes required

Best Practices:
- If Base Unit Indicator = "Yes" then best practice is to populate Net Content.

Additional Mandatory attributes if using GS1 GLOBALRegistry and GDSN Standard CIN:

Trade Item Attribute	Trade Item Attribute IM GUI Tab
Consumer Unit Indicator	Global
Base Unit Indicator	Global
Variable Weight Trade Item	Global
Dispatch Unit Indicator	General
Invoice Unit Indicator	General
Functional Name	Product Description
Packaging Marked Returnable	Packaging

- If Consumer Unit Indicator = "Yes" then the Net Content field becomes required.
- The lowest-level GTIN in a hierarchy must have Base Unit Indicator = "Yes"
- If Ordering Unit Indicator = "Yes" then the Gross Weight field becomes required.
- EANUCC Code/Type is optional but is required by US Retailers when GTIN is either consumable or orderable. (Please see definition under EANUCC Code and EANUCC Type).
- If Dispatch Unit Indicator = "Yes", then Gross Weight becomes required.
- At least one GTIN in a hierarchy must have Ordering Unit Indicator = "Yes"
- At least one GTIN in a hierarchy must have Invoice Unit Indicator = "Yes"

Best Practices:
- Short Description / POS Desc. 1 is an optional field. Best practice is to provide Short Description / POS Desc. 1 for the lowest item in hierarchy.
- Ti/Hi is an optional field. Best practice is to provide Ti/Hi for the highest item in hierarchy.
- If Base Unit Indicator = "Yes" then best practice is to populate Net Content.
- For US retailers, populating a UDEX code is a common requirement.

APPENDIX Q – GLOBAL ATTRIBUTES

These attributes are designated as Global attributes. These attributes are consistent across all Target Market variations of a GTIN/Information Provider (GLN). All Target Market variations of the GTIN/GLN will have the same values for these attributes.

Product Type
global Classification Category Code
Gtin Name
Brand Name
brand Owner GLN
NetContent
Packaging Type Code
Packaging Weight
Is Packaging Exempt From Refuse Obligation?
Packaging Function
Usable Product Volume
Shipping Container Quantity Description
Is Packaging Suitable For Air Shipment?
Total Quantity Of Next Lower Trade Item
Inner Pack
Product Form
Is Base Unit?
Is Consumer Unit?
Is Variable Weight Item?
hi
ti
Own Label Private Label?
Cancel Date
Special Item Code
Is Trade Item Packed Irregularly
Trade Item Composition Depth
Trade Item Composition Width

APPENDIX R – 1SYNC PRICE & PROMOTION MANAGEMENT IMPLEMENTATIONS

1SYNC offers the 1SYNC Price & Promotion Management (PM) application that facilitates the synchronization of price and promotion data with retailers, at store level GLNs as required by the PM business process. All item data for this system is generated and maintained in 1SYNC Item Management (IM).

For all PM participants, there will be three changes to their IM implementation:
1. One additional required attribute
2. Six optional attributes for consideration
3. The flexibility to relax certain data requirements

All attribute details are in the body of the *Participant Dictionary*. Details on these three changes follow:

Required PM Attributes:
- Pricing Item Indicator set to "true"

Optional PM Attributes:
- Package Group
- Product Group
- Units Per Consumer Unit
- Total Units per Case
- Pricing UPC
- Pricing Pack

Validation Changes:
If the Primary Delivery Method is equal to "DSD" and an item is not consumable, the following attributes become optional:
- Depth (at the Trade Item Level)
- Height (at the Trade Item Level)
- Width (at the Trade Item Level)

Note that these attributes are enforced as required attributes for GDSN item synchronization.

If the Primary Delivery Method is equal to "DSD" and an item is not consumable, the following attribute become optional:
- EANUCC Code

If the Primary Delivery Method is equal to "DSD", "DSD & Warehouse", "Warehouse", or "Drop Ship" and an item is consumable, the following attribute may be non-unique:
- EANUCC Code

Participant Dictionary

Items sent to the PM application via IM will not accept an Item Modify or an Item Correction for the attributes shown below:

- Information Provider
- Qty of Next Level Item(s)
- Pricing Pack
- Pricing UPC

Note: Under special circumstances, modifications to the attributes listed above can be performed with the intervention of 1SYNC Customer Support. (CustomerSupport@1SYNC.org)

IM to PM Synchronization Logic:
- The "Pricing Item Indicator" is set to "True"
- The IP GLN must be set up to synchronize items to PM for a particular target market. (This is part of 1SYNC's PM organization setup.)

EANUCC Code & Pricing UPC Logic:
If only the EANUCC Code is populated, it is synched to PM. If both the EANUCC Code and Pricing UPC are populated, the Pricing UPC is instead synched to PM.

Qty of Next Level Item(s) & Pricing Pack Logic:
If only the Qty of Next Level Item(s) is populated, it is synched to PM. If both the Qty of Next Level Item(s) and the Pricing Pack are populated, the Pricing Pack is instead synched to PM.

Net Content & Net Content UOM Logic:
While IM supports multiple values for Net Content, only one value is mapped to PM. The logic for the single value mapped us based on the first UOM code alphabetically. Therefore, if both 128 FO (fluid ounces) and 1 GA (gallons) were expressed as Net Content measurements in IM, the 128 FO value would sync to PM because "FO" is first alphabetical.

IM Attributes that Sync to PM:
- GTIN
- Target Market
- Information Provider GLN
- EANUCC Code OR Pricing UPC
- Qty of Next Level Item(s) OR Pricing Pack
- Product Type
- GTIN Name
- Brand Name
- Package Group
- Product Group
- Net Content & Net Content UOM

- GPC Code & GPC Description
- Units Per Consumer Unit
- Total Units Per Case

APPENDIX U – ATTRIBUTES THAT ALLOW INTERNATIONAL CHARACTER SUPPORT

There are several textual data fields in IM that allow users to input descriptions to describe the product. IM allows users in both batch and online processing to input text using international character sets. These fields will be visible in the GUI and synchronized to subscribers in their appropriate character set.

These fields can have more than one value per GTIN variation, as the Information Provider can load a value for each language.

The fields in IM that will allow international characters include:

Additional Description
Brand Name
Color
Coupon Family Code
Dangerous Goods A Margin Number
Dangerous Goods Item Num Letter
Dangerous Goods Packing Group
Dangerous Goods Technical Name
GTIN Name
Dangerous Goods Class Code
Haz Mat Special Instructions
Dangerous Goods Hazardous Code
1SYNC Image Thumbnail File Name
1SYNC Image Thumbnail Path
Material Code Agency
Packaging Material Code
Short Description / POS Desc. 1
Product Color Description
Product Description
Product Form
Functional Name
Product PLU Description
Product Size Code
Sub Brand
Tax Type Code
Trade Item Group Code
Trade Item Group Description
U.N. Dangerous Goods Number
Variant

APPENDIX V – CORRECTABLE ATTRIBUTES

Based on GS1 Standards, and Global Data Synchronization Network (GDSN) standards, the attributes listed below should not be altered after an item is published. Changes to these attributes require a new GTIN (information regarding the GS1 Standards is available at www.gs1.org/gtinrules). However, to enable trading partners to correct legitimate errors (e.g., typos) to the attributes listed below, IM will allow updates to these attributes. When you update one of these attributes you will receive a message (with the exception of GDSN GPC Code corrections) indicating that you are initiating an item correction. When the item is synchronized it will be sent as an item correction rather than an item modify. A synchronizing retailer typically processes item corrections differently than item modifies, since an item correction indicates a significant change to the item.

Alternate Item Classification Code
Alternate Item Classification Scheme
Brand Name
Brand Owner GLN
Canceled Date
Depth (if change > 20%)
Depth UOM
Discontinued Date
EANUCC Code
EANUCC Type
Global Item Classification Code
Gross Weight (if change > 20%)
Gross Weight UOM
Height (if change > 20%)
Height UOM
Net Content
Net Content UOM
Net Weight
Net Weight UOM
Price Comparison Measurement
Product Type
Qty of Next Level Item(s)
Volume (if change > 20%)
Volume UOM
Width (if change > 20%)
Width UOM

APPENDIX RD – RELATIONSHIP DEPENDENT DATA (RDD) ATTRIBUTES

IM GUI Attribute Name				
Accelerated Graphics Port Speed	Has Built-in Ice Maker?	Is Trade Item a Promotional Unit?	Is Trade Item a Promotional Unit?	Quantity Of Filters
Additional Features Or Included Accessories	Has Built-in Microphone?	Is Trade Item an Accessory?	Is Trade Item an Accessory?	Quantity Of Frames Per Second
Additional Printer Functions	Has Built-in NTSC Tuner?	Is Trade Item Auto Powered Down Enabled When Shipped To	Is Trade Item Auto Powered Down Enabled When	Quantity Of Grill Side Burners
Additional Shredder Capabilities	Has Cable Management?	Is Trade Item Reorderable?	Is Trade Item Reorderable?	Quantity Of HDMI Inputs
Adjustable Direction	Has Cables Included?	Is Trade Item Stackable?	Is Trade Item Stackable?	Quantity Of HDMI Outputs
Adjustable Shelf Type	Has Camera Dock Included?	Is Universal Well Capable?	Is Universal Well Capable?	Quantity Of Heads
Air Conditioner Unit Type	Has Cancel Button?	Is VG2 Capable?	Is VG2 Capable?	Quantity Of Keys
Album Capacity	Has Car Adapter?	Is Video Accessory a Splitter?	Is Video Accessory a Splitter?	Quantity Of LED Lights
Album Capacity UOM	Has Car Connection?	Is Voice Activated?	Is Voice Activated?	Quantity Of Megapixels
Alcoholic Beverage Permission Level	Has CD Changer Control?	Is WAAS Enabled?	Is WAAS Enabled?	Quantity Of Memory Cards Included
Alcoholic Beverage Subregion Of Origin	Has CD Synchronization Recording?	Is Warranty Document Required?	Is Warranty Document Required?	Quantity Of Memory Pages Stored
Alcoholic Beverage Sugar Grams Per Litre	Has CD Text Display?	Is Water Resistant?	Is Water Resistant?	Quantity Of Moisture Removal
Amount Of Connected Equipment Guarantee	Has Center Channel Input?	Is Weather Proof?	Is Weather Proof?	Quantity Of One Touch Settings
Amperage	Has Change Filter Indicator?	Is Wide Format Capable?	Is Wide Format Capable?	Quantity Of Optical Audio Inputs
Antenna Power Source Type	Has Child Safety Lock?	Item Code	Item Code	Quantity Of Optical Audio Outputs
Antenna Type	Has City Highway Switch?	Item Presented Date Time	Item Presented Date Time	Quantity Of Outputs
Appliance Base Color	Has Clock?	Keypad Location	Keypad Location	Quantity Of Paper Trays

Appliance Marketing Color	Has Color Viewfinder?	Lead Time	Lead Time	Quantity Of Phone Lines Supported
Appliance Style	Has Compass?	Lead Time	Lead Time	Quantity Of Phonebook Entries
Appliance Wattage	Has Continuous Run Mode?	Length Of ESN IMEI Device Identity Number	Length Of ESN IMEI Device Identity Number	Quantity Of Points Of Interest
Are Batteries Required?	Has Cool Touch Exterior?	Lens Type	Lens Type	Quantity Of Power Levels
Are Demonstration Items Available?	Has Crumb Tray?	Light Source Type	Light Source Type	Quantity Of Power Outlets
Are Headphones Included?	Has Darkness Control?	List Price	List Price	Quantity Of Pre-amplifier Outputs
Aspect Ratio	Has Depth Of Field Preview Button?	List Price Basis Per Unit	List Price Basis Per Unit	Quantity Of Pre-paid Minutes
Audio Video Playback Capability	Has Desktop Charger Included?	List Price Basis Per Unit UOM	List Price Basis Per Unit UOM	Quantity Of Printing Cartridges
Audio Watts Per Channel	Has Detachable Speakers?	List Price Effective End Date	List Price Effective End Date	Quantity Of Programmable Buttons
Automated Document Feeder Page Capacity	Has Digital Output?	List Price Effective Start Date	List Price Effective Start Date	Quantity Of Programmable Devices
AV Input Output Location	Has Digital Zoom?	List Price Sheet Name	List Price Sheet Name	Quantity Of Rear AV Inputs
Average Cost Per Print	Has Disc Exchange?	Loading Style	Loading Style	Quantity Of Rear AV Outputs
Average Milliseconds Of Disk Seek Time	Has Display Brightness Control?	Location To Attachment Mount	Location To Attachment Mount	Quantity Of Receivers In Box
Bagless Technology Type	Has Dolby BC Noise Reduction?	Lowest Operating Temperature	Lowest Operating Temperature	Quantity Of Reproducible Colors
Base Units Per Pallet	Has Downloadable Ringtones?	Lowest Operating Temperature UOM	Lowest Operating Temperature UOM	Quantity Of Rhythms
Battery Life	Has Drum Light?	Magnet Size	Magnet Size	Quantity Of S Video Inputs
Battery Life UOM	Has Dryer Rack Included?	Magnet Size UOM	Magnet Size UOM	Quantity Of S Video Outputs
Battery Size	Has Dual Stage Shock Sensor?	Magnet Type	Magnet Type	Quantity Of Separate ISO Filters
Beverage Country Of Bottling	Has Dual Voice Coils?	Manufacturer Take Back Program Currency	Manufacturer Take Back Program Currency	Quantity Of Shelves
Binocular Size	Has DVI Connection?	Manufacturer Take Back Program Fee	Manufacturer Take Back Program Fee	Quantity Of Songs Built In

Black And White Print Speed	Has Dynamic Bass Boost?	Marketing Circular Copy	Marketing Circular Copy	Quantity Of Sound Conditioning Levels
Blank Media Packaging Type	Has End Of Cycle Signal?	Materials That Fail RoHS Compliance	Materials That Fail RoHS Compliance	Quantity Of Speakers
Body Style	Has Extended Range?	Max Buying Quantity	Max Buying Quantity	Quantity Of Speeds
Bottle Capacity	Has Extra Large Window Size?	Max DC Delivery Temp	Max DC Delivery Temp	Quantity Of Stainless Steel Burners
Brand Compatibility	Has Eye Start Automation?	Max DC Delivery Temp UOM	Max DC Delivery Temp UOM	Quantity Of Temperature Settings
Bridge Type	Has Film Chamber Lock?	Max Market Delivery Temp	Max Market Delivery Temp	Quantity Of Terminal Posts
BTU Rating	Has Fingerboard?	Max Market Delivery Temp UOM	Max Market Delivery Temp UOM	Quantity Of Transmitters
Buffer Size	Has Flashing Parking Lights?	Max Order Quantity	Max Order Quantity	Quantity Of USB Ports
Buffer Size UOM	Has Front Removable Bucket?	Maximum Camera Picture Size	Maximum Camera Picture Size	Quantity Of Wattage RMS At 2 Ohms
Built-in Heater?	Has Glass Carafe Included?	Maximum Electrical Usage Class Mode UOM	Maximum Electrical Usage Class Mode UOM	Quantity Of Wattage RMS At 4 Ohms
Bus Type	Has GPS?	Maximum Electrical Usage Class Mode Value	Maximum Electrical Usage Class Mode Value	Radio Tuner Type
Buyer Contact Name	Has Heavy-duty Construction?	Maximum Energy Usage Time Period	Maximum Energy Usage Time Period	Recommended Processor Speed
Cable Connection Types	Has Height Adjustment?	Maximum Energy Usage Time Period UOM	Maximum Energy Usage Time Period UOM	Recommended Processor Speed UOM
Cable Length	Has High Output Siren?	Maximum Joules Rating	Maximum Joules Rating	Recording Format Type
Cable Length UOM	Has High Pass Filter?	Maximum Range	Maximum Range	Recording Speed
Cache Size	Has High-speed Dubbing?	Maximum Range UOM	Maximum Range UOM	Refresh Rate
Cache UOM	Has Home Control?	Maximum Resolution	Maximum Resolution	Relationship To Similar Carried Product
Caller ID Location	Has Humidity Level Control?	Maximum Screen Size UOM	Maximum Screen Size UOM	Remote Control Programming Method
Camera Bag Composition	Has Humidity-controlled Crisper?	Maximum TV Screen Size	Maximum TV Screen Size	Remote Control Type
Camera Bag Type	Has Illuminated Entry?	Media Storage Type	Media Storage Type	Reservoir Capacity

Camera Film Type	Has IP Bus?	Memory Capacity	Memory Capacity	Reservoir Capacity UOM
Camera Flash Type	Has Keyboard Accommodation?	Memory Capacity UOM	Memory Capacity UOM	Return Goods Policy
Camera Kit Accessories Description	Has Keyless Entry?	Memory Speed	Memory Speed	Returns Goods Policy
Camera Lens Magnification	Has Laser Detection?	Memory Type	Memory Type	Revolutions Per Minute
Camera Lens Optical Zoom	Has Lighted On Off Switch?	MIDI Music Type	MIDI Music Type	RFID Tagged
Camera Lens Zoom Range	Has Limited Lifetime Warranty?	Midrange Speaker Type	Midrange Speaker Type	RMS Wattage
Can Display Pictures?	Has Line Level Input?	Milk Levy	Milk Levy	Room Size
Can Download Games?	Has Line Out?	Milk Levy Currency	Milk Levy Currency	Room Size UOM
Can Download High Speed Broadband?	Has Live Portable Feature?	Min Buying Quantity	Min Buying Quantity	Sample Consumer Unit Send Date Time
Can Mount Under Cabinet?	Has Low Pass Filter?	Min DC Delivery Temp	Min DC Delivery Temp	Sample Sent Date
Can Print Direct To CD?	Has LP Tank Included?	Min DC Delivery Temp UOM	Min DC Delivery Temp UOM	Sample Sent To Contact Name
Can Print On Trade Item?	Has Lumbar Support?	Min Market Delivery Temp	Min Market Delivery Temp	Satellite Radio Accessory Type
Can Product Be Easily Upgraded Or Maintained By Consumer?	Has Magnetic Shielding?	Min Market Delivery Temp UOM	Min Market Delivery Temp UOM	Satellite Radio Service
Can Record 2 Programs Simultaneously?	Has Media Center PC Tuner And Remote?	Min Order Quantity	Min Order Quantity	Scanner Resolution
Can Store Waypoints?	Has Media Viewer?	Min Product Lifespan from Arrival	Min Product Lifespan from Arrival	Screen Attachment Type
Can Swivel?	Has Memory Set?	Minimum Product Lifespan	Minimum Product Lifespan	Scroll Wheel Type
Can Synchronize With Calendars?	Has Minimal Bezel?	Minimum Required Processor Speed	Minimum Required Processor Speed	Seat Interior Material Composition
Can Synchronize With Email?	Has Mixing Capability?	Minimum Required Processor Speed UOM	Minimum Required Processor Speed UOM	Second Optical Drive Type
Can Wake To CD?	Has Mobile Video?	Minimum Shipping Quantity	Minimum Shipping Quantity	Security Remote Type

Capacity Of Expandible Handsets	Has Monitor Included?	Minimum Trade Item Days In Warehouse	Minimum Trade Item Days In Warehouse	Security Tag Location
Capacity Quantity	Has Monitor Output?	Minimum TV Screen Size	Minimum TV Screen Size	Security Tag Type
Capacity Quantity UOM	Has Mounting Brackets Included?	Miscellaneous AVP Name	Miscellaneous AVP Name	Shape
Capacity Type	Has MP3 Player Software?	Miscellaneous AVP Value	Miscellaneous AVP Value	SHC Category
Cassette Capacity	Has Multi Lingual Display?	Model Number	Model Number	SHC Division
CD Capacity	Has Multicolor Display?	Moisture Drain Type	Moisture Drain Type	SHC Order DUNS
CE And Accessory Primary Color	Has Multimedia Keys?	Monitor Resolution	Monitor Resolution	Shelf Placement Instructions
CE And Accessory Secondary Color	Has Multiple Alarms?	Monitor Speaker Location	Monitor Speaker Location	Shelf Type
Cellular Service Provider Name	Has Multiple Size Connection Inserts?	Mount Arm Profile	Mount Arm Profile	Shelf Unit Depth In Millimetres
Clean Air Delivery Rate - Dust	Has Navigation Capability?	Mounting Maximum Supported Weight	Mounting Maximum Supported Weight	Shelf Unit Height In Millimetres
Clean Air Delivery Rate - Pollen	Has Night Mode?	Mounting Maximum Supported Weight UOM	Mounting Maximum Supported Weight UOM	Shelf Unit Width In Millimetres
Clean Air Delivery Rate - Smoke	Has Non-stick Coating?	Mounting Shoe Power Type	Mounting Shoe Power Type	Ship From Location Name
Cleaning Method	Has On Screen Caller ID?	Mouse Type	Mouse Type	Side Curtains Included
Cleaning Path Width	Has On Screen Clock?	MP3 Accesory Type	MP3 Accesory Type	Sign System Description
Cleaning Path Width UOM	Has One Touch Dubbing?	MP3 Connection Type	MP3 Connection Type	Silhouette
Coffee Filter Type	Has Optical Digital Audio Outputs?	MP3 Player Compatibility Brand Name	MP3 Player Compatibility Brand Name	Similar Carried Product Description
Color Print Speed	Has Palm Capabilities?	Mute Control Location	Mute Control Location	Single Tank Run Time
Comb Filter Technology	Has Parental Control?	Mute Type	Mute Type	Skip Protection Brand Name
Combination Television Functions	Has Pause And Serve Function?	NABCA Additional Charges	NABCA Additional Charges	Software Types Included

Comparable Branded Products	Has PC Docking Station?	NABCA Address Of Bottler	NABCA Address Of Bottler	Speaker Bottom Mount Depth
Computer Accessory Type	Has PC Inputs?	NABCA Address Of Distiller	NABCA Address Of Distiller	Speaker Bottom Mount Depth UOM
Connector Type	Has PDA Functionality?	NABCA Age Vintage	NABCA Age Vintage	Speaker Driver Type
Consumer Usage Storage Instructions	Has Phase Switch?	NABCA Alternate Age Vintage	NABCA Alternate Age Vintage	Speaker Stand Style
Contact Party Type	Has Photo Restoration?	NABCA Alternate Label Explanation	NABCA Alternate Label Explanation	Speaker Top Mount Depth
Contrast Ratio Dynamic	Has Picture-in-picture?	NABCA Alternate Percentage Of Alcohol By Volume	NABCA Alternate Percentage Of Alcohol By Volume	Speaker Top Mount Depth UOM
Contrast Ratio Static	Has Plexiglass Window?	NABCA Bottler Name	NABCA Bottler Name	Speaker Type
Control Panel Type	Has Pop Mode?	NABCA Discount Applied	NABCA Discount Applied	Speaker Use
Controlled Substance Amount	Has Progressive Scan?	NABCA Is Imported Item Inbound?	NABCA Is Imported Item Inbound?	Speakerphone Location
Controlled Substance Code	Has Pull Out Case?	NABCA Is Sold Under Any Other Label	NABCA Is Sold Under Any Other Label	Stand Alone Printer Functions
Controlled Substance Name	Has Push To Talk?	NABCA Item FOB Point	NABCA Item FOB Point	Standard Connection Types Available
Controlled Substance Regulatory Act	Has Quiet Operation?	NABCA Item Ship Point	NABCA Item Ship Point	Standby Time Amount
Controlled Substance Regulatory Agency	Has Radio Broadcast Replay?	NABCA Marine Insurance	NABCA Marine Insurance	Standby Time UOM
Controlled Substance Schedule Code	Has RCA Protected Jacks?	NABCA Net Cost FOB Ship Point	NABCA Net Cost FOB Ship Point	Start Availability Date
Controlled Substance Unit Of Measure	Has Rechargeable Battery?	NABCA Ocean Freight	NABCA Ocean Freight	Start Date of Max Buying Qty
Controller Type	Has Record Level Control?	NABCA Order Type	NABCA Order Type	Start Date of Min Buying Qty
Cooking Options	Has Remote Start?	NABCA Price Remarks	NABCA Price Remarks	Stereo Or Mono Output
Cooktop Burner Type	Has Remote Trunk Release?	NABCA Pricing Terms	NABCA Pricing Terms	Subwoofer Size
Cord Length	Has Removable Memory?	NABCA Representative For The State Address	NABCA Representative For The State Address	Subwoofer Size UOM

Cord Length UOM	Has Removable Microphone?	NABCA Representative For The State Fax	NABCA Representative For The State Fax	Suggested Retail Price
Cordless Technology Type	Has Retractable Cord?	NABCA Representative For The State License Number	NABCA Representative For The State License	Suggested Retail Price Basis Per Unit
Country Of Origin Subdivision Code	Has Room Temperature Display?	NABCA Representative For The State Name	NABCA Representative For The State Name	Suggested Retail Price Basis Per Unit UOM
DBS Accessory Type	Has Round Cavity?	NABCA Representative For The State Telephone	NABCA Representative For The State Telephone	Suggested Retail Price Currency
Delivery Lead Time	Has Safety Warning?	NABCA Supplier Address	NABCA Supplier Address	Suggested Retail Price Effective End Date
Digital Download Software Compatibility	Has Self-timer?	NABCA Supplier Fax	NABCA Supplier Fax	Suggested Retail Price Effective Start Date
Directional Air Flow Control	Has Sensor?	NABCA Supplier Federal ID Number	NABCA Supplier Federal ID Number	Suggested Retail Price Sheet Name
Dishwasher Rack Type	Has Side Discharge?	NABCA Supplier State License Permit Number	NABCA Supplier State License Permit Number	Supplier Specified Minimum Consumer Storage Days
Dispatch Unit Indicator	Has Sleep Timer?	NABCA Supplier Telephone	NABCA Supplier Telephone	Surround Sound Digital Decoder Types
Display Indicator Type	Has Slide Out Chassis?	NABCA US Freight	NABCA US Freight	Surround Speaker Type
Display Screen Type	Has Smart Power?	National Sanitation Foundation Compliant?	National Sanitation Foundation Compliant?	System Bus
Display Type List	Has Snooze Alarm?	Navigational Features	Navigational Features	System Bus UOM
Display/Screen Size	Has Sound Leveler?	Neck Type	Neck Type	Television Technology Type
Display/Screen Size UOM	Has Sound Reduction Package?	Nesting Overlap	Nesting Overlap	Television Tuner Type
Does Item Contain Controlled Substance?	Has Source Select?	Nesting Overlap UOM	Nesting Overlap UOM	Toaster Slot Type
Does Product Contain PVC?	Has Speaker Calibration?	Network Hub Computer Compatibility	Network Hub Computer Compatibility	Total Cooking Area
Does Product Contain SCCPs?	Has Special Finish And Packaging?	Network Product Type	Network Product Type	Total Cooking Area UOM
Dot Pitch	Has Speech Recognition?	Networking Status	Networking Status	Total Expansion Slots
Dots Per Inch	Has Starter Disable?	Networking Technology Type	Networking Technology Type	Trade Channel
Dry Cleaning Setting Type	Has Stay Clear Vents?	Nits Of Monitor Brightness	Nits Of Monitor Brightness	Trade Item Default Time Limit Of Auto Power Down Function UOM

Dry System Type	Has Steam System?	Non GTIN Pallet Depth	Non GTIN Pallet Depth	Trade Item Default Time Limit Of Auto Power Down Function Value
DV Input Location	Has Stereo Audio Inputs Outputs?	Non GTIN Pallet Depth UOM	Non GTIN Pallet Depth UOM	Trade Item Display Method
DVD Capacity	Has Subwoofer Crossover Included?	Non GTIN Pallet Net Weight	Non GTIN Pallet Net Weight	Trade Item Or Acesssory Mount Type
Ear Piece Style	Has Subwoofer?	Non GTIN Pallet Net Weight UOM	Non GTIN Pallet Net Weight UOM	Trade Items The Mount Accomodates
Efficiency Percent	Has Table Stand Included?	Non GTIN Pallet Volume	Non GTIN Pallet Volume	Transmitter Type
Electrical Usage Agency Code	Has Tablet Functionality?	Non GTIN Pallet Volume UOM	Non GTIN Pallet Volume UOM	Tub Design
Electrical Usage Class Code	Has Text Display Icon Display?	Non GTIN Pallet Width	Non GTIN Pallet Width	Turntable Size
Electrical Usage Class Mode Code	Has Text Messaging?	Non GTIN Pallet Width UOM	Non GTIN Pallet Width UOM	Turntable Size UOM
Electrical Usage Class Resolution Code	Has Tilt Up Head?	Notebook Battery Cell Type And Quantity	Notebook Battery Cell Type And Quantity	TV Tube Type
Electrical Usage Class Screen Area UOM	Has Tilt Wheel?	Notebook Processor Types	Notebook Processor Types	Tweeter Size
Electrical Usage Class Screen Area Value	Has Timed Shutoff?	Number Of Base Units	Number Of Base Units	Tweeter Size UOM
Electrical Usage Sub Class Code	Has Touch Screen?	Number Of Programmable Tracks	Number Of Programmable Tracks	Type Of Base
Electrical Usage Subclassification Name	Has Track Programming?	Ohms Of Impedance	Ohms Of Impedance	Type Of Battery
Electrical Usage Trade Item Classification Agency	Has Tuned Ports?	Operating System	Operating System	Type Of Bowl Included
Electrical Usage Trade Item Classification Name	Has TV Guide On Screen?	Optical Drive Load Type	Optical Drive Load Type	Type Of Effects
End Availability Date	Has TV Tuner Card Slot?	Optical Drive Type	Optical Drive Type	Type Of Frequency Bands
End Date of Exclusivity	Has Ultrabright Digiview Data Display?	Optional Cellular Services	Optional Cellular Services	Type Of Grates
End Date of Max Buying Qty	Has Upconvert Technology?	Order Quantity Multiple	Order Quantity Multiple	Type Of Shredder Cut
End Date of Min Buying Qty	Has Valet Mode?	Ordering Unit Indicator	Ordering Unit Indicator	UMRP Price
Energy Efficiency Rating	Has VCR Plus?	Ordering UOM	Ordering UOM	Units In Depth Of Layer

EPEAT Qualified Level	Has Voice Alert?	Packaging Category	Packaging Category	Units In Width Of Layer
Estimated Sales Revenue	Has Voice Prompts?	Paper Brightness	Paper Brightness	Units Per Package
Estimated Sales Revenue Currency	Has Voice Recorder?	Paper Finish Type	Paper Finish Type	Vacuum Tools Included
Estimated Volume Quantity	Has Voltage Regulation?	Paper Shred Capacity	Paper Shred Capacity	Vacuum Type
Estimated Volume Time Period	Has Warming Drawer?	Paper Size	Paper Size	Video Card Brand Name
Estimated Volume Time Period Unit Of Measure	Has Washing Soil Sensor?	Paper Tray Type	Paper Tray Type	Video Disk Formats
Estimated Volume Unit Of Measure	Has Water Line Filter?	Party Receiving Private Data	Party Receiving Private Data	Video Up Conversion Type
Exist Special Refuse Obligations	Has Weather Alert?	Payment Method	Payment Method	Viewing Angle
Exterior Finish	Has Weatherband?	PC Keyboard Input?	PC Keyboard Input?	Voltage Rating
External MP3 Controls?	Has Wrinkle Control?	PC Type For Webcam Design	PC Type For Webcam Design	Volts Used
Faceplate Style	Has xvYCC Color Gamut Technology?	PDA Ineterface Method	PDA Ineterface Method	Volume Control Location
Featured Cycle Types	Hazardous Material Shipping Paper	Peak Power Handling Watts	Peak Power Handling Watts	Wallet Size
File Formats	Hazardous Materials Handling Special Risk Code	Percent Of Product Components Labeled For Disassembly And	Percent Of Product Components Labeled For	Warranty Distance
Film Color	HD Audio Supported?	Percentage Of Enlargement	Percentage Of Enlargement	Warranty Labor Days
Film Speed	HDMI Features Supported	Percentage Of Plastic Components Made From a Plant Based Material	Percentage Of Plastic Components Made From a Plant	Warranty Labor Years
Filter Thread Size	HDMI HDCP Interoperability	Percentage Of Reduction	Percentage Of Reduction	Warranty Parts Days
Filter Thread Size UOM	Headphone Connection	Percussion Instrument Type	Percussion Instrument Type	Warranty Parts Years
Filtration Technology Type	Headphone Style	Person Or Department Name	Person Or Department Name	Was Sample Sent?
First Delivery Date	Headset Style	Phone Accessory Style	Phone Accessory Style	Was Verified By Category Manager?
Flammable Aerosol Containment Code	Hinge Setting	Phone Type	Phone Type	Wash Cycle Capabilities

Flammable Gas Weight	Image Sensor Type	Photo Accessory Type	Photo Accessory Type	Washer Dispenser Type
Flavor Or Scent	Image Stabilization Type	Photo Print Speed	Photo Print Speed	Water Level Type
Flavor Or Scent Language	In Door Dispenser Type	Pickup Type	Pickup Type	Wire Gauge Thickness
FM Modulator?	Indoor/Outdoor Use	Picture View Capability	Picture View Capability	Wireless Range
Forecasted Retailer First Week Unit Sales	Instant Film Format	Pixel Response Time	Pixel Response Time	Wireless Range UOM
Forecasted US Order Units	Interior Material Type	Pixel Response Time UOM	Pixel Response Time UOM	Wireless Range UOM
Forecasted US Sales Units	Internal/External Device	Plate Capacity	Plate Capacity	Wood Grain
Frame Size	Invoice Unit Indicator	Pointing Device Type	Pointing Device Type	Wood Grain
Frequency Response High	Is 1 Ohm Stable?	Portable Kit Type	Portable Kit Type	Woofer Air Space
Frequency Response Low	Is Ambidextrous?	Power Protection Type	Power Protection Type	Woofer Air Space
Frequency Response Variance	Is Antenna Amplified?	Pre-amplifier Voltage	Pre-amplifier Voltage	Woofer Air Space UOM
Fuel Type	Is ATSC Format Capable?	Presentation Acceptance Date Time	Presentation Acceptance Date Time	Woofer Air Space UOM
Furniture Primary Color	Is AV Capable?	Price By Measure Type	Price By Measure Type	Woofer Size
Furniture Secondary Color	Is Bar Code ID Different Than Packaging?	Primary Delivery Method Type	Primary Delivery Method Type	Woofer Size
Furniture Style	Is Battery Operation Capable?	Processor Brand Name And Speed	Processor Brand Name And Speed	Woofer Size UOM
Gaming Chair Style	Is Built Into Digital Camera?	Product RoHS Compliance Code	Product RoHS Compliance Code	Woofer Size UOM
Gaming Peripheral Type	Is Cable Card Ready?	Product Series Identification	Product Series Identification	
Glass Door Style	Is Carrying Case Included?	Promotion Purchase Price	Promotion Purchase Price	
Goods Pick Up Lead Time	Is CD-R/CD-RW Compatible?	Promotion Purchase Price End Date	Promotion Purchase Price End Date	
Goods Pick Up Lead Time UOM	Is Controlled Substance?	Promotion Purchase Price Start Date	Promotion Purchase Price Start Date	

GST Free Only To End Consumer	Is Cordless?	Purchase Price	Purchase Price	
GTIN Of Base Unit	Is Digital Cable Ready?	Purchase Price Start Date	Purchase Price Start Date	
Guitar Type	Is Dolby HX Pro Capable?	QAM Tuner?	QAM Tuner?	
Handling Instructions Description	Is Double-sided Printing Capable?	Quantity Of 3.5 Expansion Bays	Quantity Of 3.5 Expansion Bays	
Hard Drive Size	Is DVD Recorder?	Quantity Of 5.25 Expansion Bays	Quantity Of 5.25 Expansion Bays	
Hard Drive Size UOM	Is Energy Star Compliant?	Quantity Of Audio Channels	Quantity Of Audio Channels	
Has 360 Degree Perimeter?	Is EvDO Enabled?	Quantity Of Audio Inputs	Quantity Of Audio Inputs	
Has 8-point Digital Compass?	Is Frost Proof?	Quantity Of Audio Outputs	Quantity Of Audio Outputs	
Has AC/DC Adapter Included?	Is Hazardous Component Brokendown Easily For Recycling?	Quantity Of AV Inputs	Quantity Of AV Inputs	
Has Additional Batteries Included?	Is HDTV Compatible?	Quantity Of AV Outputs	Quantity Of AV Outputs	
Has Additional Storage?	Is Headset Compatible?	Quantity Of Bowls Included	Quantity Of Bowls Included	
Has Adjustable Arms?	Is Headset Included?	Quantity Of Bundle Handsets	Quantity Of Bundle Handsets	
Has Alarm?	Is Inhalant?	Quantity Of Camera Shooting Modes	Quantity Of Camera Shooting Modes	
Has Answering System?	Is Ink Fade Resistant?	Quantity Of CoAxial Inputs	Quantity Of CoAxial Inputs	
Has Aspect Ratio Control?	Is Ink High Yield?	Quantity Of CoAxial Outputs	Quantity Of CoAxial Outputs	
Has ATSC Tuner?	Is IPOD Ready?	Quantity Of Component Inputs	Quantity Of Component Inputs	
Has Auto Date Time Stamp?	Is Lightscribe Capable?	Quantity Of Component Outputs	Quantity Of Component Outputs	
Has Auto Defrost?	Is Mouse Included?	Quantity Of Component Slots	Quantity Of Component Slots	
Has Auto Focus?	Is Multi-roomCapable?	Quantity Of Composite Inputs	Quantity Of Composite Inputs	
Has Auto Oscillation?	Is Noise Canceling?	Quantity Of Composite Outputs	Quantity Of Composite Outputs	

Has Auto Re-route?	Is Phone Line Required?	Quantity Of Connecting Pins	Quantity Of Connecting Pins	
Has Auto Reverse?	Is Price Indicated on Trade Item?	Quantity Of Contents In Multi-pack	Quantity Of Contents In Multi-pack	
Has Auto Shutoff?	Is Product A Pesticide?	Quantity Of Controller Buttons	Quantity Of Controller Buttons	
Has Automatic Film Prewind?	Is Product Aerosol?	Quantity Of Cups Capacity	Quantity Of Cups Capacity	
Has Automatic Temperature Control?	Is Product Chemical Not Intended For Human Consumption?	Quantity Of Cycles	Quantity Of Cycles	
Has Aux Input?	Is Product Considered Universal Waste?	Quantity Of Dedicated Video Memory	Quantity Of Dedicated Video Memory	
Has Backlit Keys?	Is Product Disassembly By Recycling Facility Completed Using	Quantity Of Dedicated Video Memory UOM	Quantity Of Dedicated Video Memory UOM	
Has Battery Backup?	Is Product RPPC Compliant in Target Market?	Quantity Of Delayed Start Hours	Quantity Of Delayed Start Hours	
Has Battery Included?	Is Product Subject To A Manufacturer Take Back Program?	Quantity Of Digital Audio Inputs	Quantity Of Digital Audio Inputs	
Has Broiler Feature?	Is Programmable?	Quantity Of Digital Audio Outputs	Quantity Of Digital Audio Outputs	
Has Bucket Full Indicator?	Is Satellite Radio Ready?	Quantity Of Digital Inputs	Quantity Of Digital Inputs	
Has Built In Battery?	Is Self Cooling?	Quantity Of Digital Outputs	Quantity Of Digital Outputs	
Has Built-in 2-way Radio?	Is Self Propelled?	Quantity Of Drum Sounds Included	Quantity Of Drum Sounds Included	
Has Built-in Amplifier?	Is Size Based Pricing?	Quantity Of DVI Inputs	Quantity Of DVI Inputs	
Has Built-in Handle?	Is SVHS Capability?	Quantity Of Effects	Quantity Of Effects	
Has Built-in HD Tuner?	Is THX Capable?	Quantity Of Fan Speeds	Quantity Of Fan Speeds	

APPENDIX AG – AGENTRICS EXTENSION INFORMATION

This appendix has been designed to work in conjunction with the *IM Participant Dictionary* and the *Data Source GDSN Interoperability Guide* to provide the attribute information necessary to meet the requirements of Agentrics (formerly WWRE). It provides a summary of the core 1SYNC IM trade item attributes required for data synchronization as well as all of the Agentrics Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC IM *Participant Dictionary*.

Sending the Agentrics Extension on a CIN Message

The Agentrics Extension will be sent to Subscribers that are configured at 1SYNC to receive the extension AND when the Information Provider has provided data applicable for the extension.

Agentrics Extension Information

The Agentrics Extension schema will be hosted at Agentrics at:
http://www.worldwideretailexchange.org/cs/xmlschemas/WIM3.0/wwreItem.xsd

1SYNC Agentrics CIN Extension Attribute Map

AGENTRICS EXTENSION ATTRIBUTE REQUIREMENTS

Listed below are the 1SYNC Item attributes mapped in the Agentrics Extension with the applicable mapping logic.

IM GUI Attribute Name	1SYNC XML Name	CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	Logic / Mapping Notes
Agentrics CIN Extension Attribute Map									
Replaced Item GTIN	replacedItemG TIN	replacedItemGTIN		O	String	14/14	0 to 1	See Attribute Page in *IM Participant Dictionary*	Item Sync Error Response results if the data type is not a pattern of 14, characters consisting of only 0-9.

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	Logic / Mapping Notes
Agentrics CIN Extension Attribute Map									
List Price Effective Start Date	cataloguePrice EffectiveStartD ate	cataloguePrice /effectiveStartDate	WRE01	D	Date		0 to 1	See Attribute Page in *IM Participant Dictionary*	Please note that if any of the folllowing attributes is populated, all must be populated or an Item Sync Response Error will result: • List Price • List Price Currency • List Price Effective Start Date Value is mapped only if date is in required formats: • YYYY-MM-DD • YYYY-MM-DDTHH:MM:SS:sss Date should be transformed to YYYY-MM-DD format if in a valid format, otherwise an Item Sync Response Error results if the format is invalid or if the date is an invalid date. If populated in multiple languages, the first language code alphabetically will be mapped.

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	Logic / Mapping Notes
Agentrics CIN Extension Attribute Map									
List Price	listPrice	cataloguePrice/value		D	Decimal	1/38,15	0 to 1	See Attribute Page in *IM Participant Dictionary*	Please note that if any of the folllowing attributes is populated, all must be populated or an Item Sync Response Error will result: • List Price • List Price Currency • List Price Effective Start Date Item Sync Error Responses results if value does not meet length restrictions of 18 total digits.
List Price Currency	listPriceCurrency	cataloguePrice /currencyISOCode =""		D	String	1/3	0 to 1	See Attribute Page in *IM Participant Dictionary*	Please note that if any of the folllowing attributes is populated, all must be populated or an Item Sync Response Error will result: • List Price • List Price Currency • List Price Effective Start Date Please refer to *1SYNC IM Valid Values List* for valid values for this attribute.

IM GUI Attribute Name	1SYNC XML Name	CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	Logic / Mapping Notes
Agentrics CIN Extension Attribute Map									
List Price Effective End Date	cataloguePrice EffectiveEndDa te	cataloguePrice/effe ctiveEndDate	WRE02	**D**	Date		See Attribut e Page in *IM Particip ant Dictiona ry*	See Attribute Page in *IM Participant Dictionary*	Please note that if this optional attribute ("List Price Effective End Date") is populated, then ALL of the following attributes must also be populated or an Item Sync Response Error will result: • List Price • List Price Currency • List Price Effective Start Date Value is mapped only if date is in required formats: • YYYY-MM-DD • YYYY-MM-DDTHH:MM:SS:sss. Date should be transformed to YYYY-MM-DD format if date is a valid format. Item Sync Result Error occurs if the attribute is not a valid date or cannot be transformed. An Item Sync Response results if the Effective End Date is not greater than or equal to the Effective Start Date

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	Logic / Mapping Notes
Agentrics CIN Extension Attribute Map									
List Price Basis Per Unit UOM	listPriceBasisP erUnitUOM	cataloguePrice/unit OfMeasure		D	String	2/5	See Attribut e Page in *IM Particip ant Dictiona ry*	See Attribute Page in *IM Participant Dictionary*	Item Sync Response Error results if all of the dependant attributes are not populated: • List Price • List Price Currency • List Price Effective Start Date Item Sync Response Error results if value does not meet length restrictions of 1 to 3 characters. Please refer to *1SYNC IM Valid Values List* for valid values for this attribute.
List Price Basis Per Unit	listPriceBasisP erUnit	cataloguePrice/basi sQuantity		D	Decimal	1/38,15	See Attribut e Page in *IM Particip ant Dictiona ry*	See Attribute Page in *IM Participant Dictionary*	Item Sync Response Error results if all of the dependant attributes are not populated: • List Price • List Price Currency • List Price Effective Start Date Item Sync Response Error results if the value does not meet length restrictions of 6 total digits or if value cannot be converted to a 6 digit Integer from the decimal value IM sends.

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	Logic / Mapping Notes
Agentrics CIN Extension Attribute Map									
Returnable Package Deposit Description	returnablePackageDepositDescription	ReturnablePackageDepositDescription/ description	WRE15	**M**	String	1/50	0 or 1		Item Sync Error Responses results if value does not meet length restrictions of 50 characters.

If populated in multiple languages, attribute will repeat for each language provided.

Valid values are standard ISO languages. |
Own Label/Private Label	isOwnPrivateLabel	isTradeItemBrandPrivateLabel		O	Boolean		0 to 1	See Attribute Page in *IM Participant Dictionary*	
Last Arrival Date	lastArrivalDate	lastArrivalDate		O	Date		0 to 1	See Attribute Page in *IM Participant Dictionary*	Item Sync Result Error occurs if the attribute is not a valid date or cannot be transformed to EANUCC Date Format.
Is Trade Item A Featured Product?	isTradeItemFeaturedProduct	isTradeItemFeaturedProduct	WRE25	O	Boolean		0 to 1		

IM GUI Attribute Name	1SYNC XML Name	CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	Logic / Mapping Notes
Agentrics CIN Extension Attribute Map									
Feature Benefit	tradeItemFeat ureBenefit	featuredProductDe scription	WRE26	D	String	1/70	0 to 1	See Attribute Page in *IM Participant Dictionary*	Please note that if this optional attribute ("Feature Benefit") is populated, then the following attribute must also be populated or an Item Sync Response Error will result: • Is Trade Item A Featured Product? If populated in multiple languages, the first language code alphabetically will be mapped.

IM GUI Attribute Name	1SYNC XML Name	CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	Logic / Mapping Notes
Agentrics CIN Extension Attribute Map									
Suggested Retail Price Effective Start Date	suggestedReta ilPriceEffective StartDate	suggestedRetailPric e\effectiveStartDat e	WRE03	D	Date		0 to 1	See Attribute Page in *IM Participant Dictionary*	Please note that if any of the folllowing attributes is populated, all must be populated or an Item Sync Response Error will result: • Suggested Retail Price • Suggested Retail Price Currency • Suggested Retail Price Effective Start Date Value is mapped only if date is in required formats: • YYYY-MM-DD • YYYY-MM-DDTHH:MM:SS:sss Date should be transformed to YYYY-MM-DD format if in a valid format, otherwise an Item Sync Response Error results if the format is invalid or if the date is an invalid date.

IM GUI Attribute Name	1SYNC XML Name	CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	Logic / Mapping Notes
Agentrics CIN Extension Attribute Map									
Suggested Retail Price	suggestedReta ilPrice	suggestedRetailPric e\value		D	Decimal	1/38,15	0 to 1	See Attribute Page in *IM Participant Dictionary*	Please note that if any of the folllowing attributes is populated, all must be populated or an Item Sync Response Error will result: • Suggested Retail Price • Suggested Retail Price Currency • Suggested Retail Price Effective Start Date Item Sync Error Responses results if value does not meet length restrictions of 18 total digits.
Suggested Retail Price Currency	suggestedReta ilPriceCurrency	suggestedRetailPric e\@currencyISOCo de="EUR"		D	String	1/3	0 to 1	See Attribute Page in *IM Participant Dictionary*	Please note that if any of the folllowing attributes is populated, all must be populated or an Item Sync Response Error will result: • Suggested Retail Price • Suggested Retail Price Currency • Suggested Retail Price Effective Start Date Please refer to *1SYNC IM Valid Values List* for valid values for this attribute.

IM GUI Attribute Name	1SYNC XML Name	CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	Logic / Mapping Notes
Agentrics CIN Extension Attribute Map									
Suggested Retail Price Effective End Date	suggestedReta ilPriceEffective EndDate	suggestedRetailPric e\effectiveEndDate	WRE04	D	Date		0 to 1	See Attribute Page in *IM Participant Dictionary*	Please note that if this optional attribute ("Suggested Retail Price Effective End Date") is populated, then ALL of the following attributes must also be populated or an Item Sync Response Error will result: • Suggested Retail Price • Suggested Retail Price Currency • Suggested Retail Price Effective Start Date Value is mapped only if date is in required formats: • YYYY-MM-DD • YYYY-MM-DDTHH:MM:SS:sss. Date should be transformed to YYYY-MM-DD format if date is a valid format. Item Sync Result Error occurs if the attribute is not a valid date or cannot be transformed. An Item Sync Response results if the Suggested Retail Price Effective End Date is not greater than or equal to the Suggested Retail Price Effective Start Date.

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	Logic / Mapping Notes
Agentrics CIN Extension Attribute Map									
Suggested Retail Price Basis Per Unit UOM	suggestedRetailPriceBasisPerUnitUOM	suggestedRetailPrice\unitOfMeasure		D	String	2/5	0 to 1	See Attribute Page in *IM Participant Dictionary*	Item Sync Response Error results if all of the dependant attributes are not populated: • Suggested Retail Price • Suggested Retail Price Currency • Suggested Retail Price Effective Start Date Item Sync Response Error results if value does not meet length restrictions of 1 to 3 characters. Please refer to *1SYNC IM Valid Values List* for valid values for this attribute.
Suggested Retail Price Basis Per Unit	suggestedRetailPriceBasisPerUnit	suggestedRetailPrice\BasisQuantity		D	Decimal	1/38,15	0 to 1	See Attribute Page in *IM Participant Dictionary*	Item Sync Response Error results if all of the dependant attributes are not populated: • Suggested Retail Price • Suggested Retail Price Currency • Suggested Retail Price Effective Start Date Item Sync Response Error results if the value does not meet length restrictions of 6 total digits or if value cannot be converted to a 6 digit Integer from the decimal value IM sends.

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	Logic / Mapping Notes
Agentrics CIN Extension Attribute Map									
Ingredients	ingredients	ingredients	005	O	String	1/1000	0 to Many		All language occurrences are sent if provided. Valid language values are standard ISO languages.
Volume	volume	netVolume\measurementValue		**M**	Decimal	1/38,15	0 to 1	See Attribute Page in *IM Participant Dictionary*	Rounded to 3 decimals when more than 3 are supplied. Item Sync Response Error results if the truncated value does not meet length restrictions of 8 total digits.
Volume UOM	volumeUOM	netVolume\@unitOfMeasure		**M**	String	2/5	0 to 1	See Attribute Page in *IM Participant Dictionary*	Please refer to *1SYNC IM Valid Values List* for valid values for this attribute.
Controlled Substance Code	controlledSubstanceCode	controlledSubstanceCode	WRE11	O	String	1/48	0 to 1		If populated in multiple languages, the first language code alphabetically will be mapped.
Contact GLN	localGln	contactGLN	U420001	O	String	13/13	0 to 1	See Attribute Page in *IM Participant Dictionary*	Item Sync Response Error results if the value is not 13 numeric digits and a valid GLN that is verified with the Check Digit calculation.

1SYNC Additional Attributes Supported for Agentrics Extension

Qualifier	Description
005	List of Ingredients
U420001	Contact GLN
WRE01	List Price Start Effective Date
WRE02	List Price End Effective Date
WRE03	Recommended Sales Price Effective Start Date
WRE04	Recommended Sales Price Effective End Date
WRE11	Controlled Substance Code
WRE15	Returnable Package Deposit Description
WRE25	Is Trade Item a Featured Product
WRE26	Featured Product Description

APPENDIX APP – GDSN CIN SOFTLINES (APPAREL) EXTENSION INFORMATION

This appendix has been designed to work in conjunction with the 1SYNC *IM Participant Dictionary*, the *Data Source GDSN Interoperability Guide*, *the Data Source 1SYNC XML Guide, the Data Recipient 1SYNC XML Guide, and the 1SYNC IM Valid Values* documents to provide a summary of the core 1SYNC IM trade item attributes required for data synchronization, as well all of the Softlines (Apparel & Clothing) CIN Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

Sending the Softlines Extension on a CIN Message

The Softlines(Apparel & Clothing) CIN Extension will be sent to customers that are configured at 1SYNC to receive the extension. The Softlines CIN Extension is considered Optional and will be sent to the Retailer once the Retailer GLN is setup to receive the extension, and will only be present on the CIN message if all of the conditions are met and all validations have been passed.

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occur rence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN Softlines (Apparel & Clothing) Extension Attribute Map	
styleDescription	styleDescription	styleDescription	APL001	O	string	1/70	0 or More	An attribute that classifies GTINs that share same characteristics that do NOT vary by GTIN, and are presented by the supplier as a single merchandise selection for the buyer.	Extensions – Apparel

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
GDSN CIN Softlines (Apparel & Clothing) Extension Attribute Map
isTradeItemHanging	isTradeItemHanging	isTradeItemHanging	APL002	O	String	1/60	0 to 1	An indicator whether or not the trade Item is shipped hanging, as opposed to being shipped with a hanger but not actually hanging.	Extensions – Apparel
doesItemComeWithHanger	doesItemComeWithHanger	doesItemComeWithHanger	APL003	O	boolean		0 to 1	A value that indicates whether or not the trade item comes with a hanger.	Extensions – Apparel

APPENDIX AUD – GDSN CIN AUDIO, VIDEO, PHOTOGRAPHY EXTENSION INFORMATION

This appendix has been designed to work in conjunction with the 1SYNC *IM Participant Dictionary*, the *Data Source GDSN Interoperability Guide*, *the Data Source 1SYNC XML Guide, the Data Recipient 1SYNC XML Guide, and the 1SYNC IM Valid Values* documents to provide a summary of the core 1SYNC IM trade item attributes required for data synchronization, as well all of the Audio, Video, and Photography CIN Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

Sending the Audio, Video, and Photography Extension on a CIN Message

The Audio, Video, and Photography CIN Extension will be sent to customers that are configured at 1SYNC to receive the extension. The Audio, Video, and Photography CIN Extension is considered Optional and will be sent to the Retailer once the Retailer GLN is setup to receive the extension, and will only be present on the CIN message if all of the conditions are met and all validations have been passed.

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
		GDSN CIN Audio, Video, and Photography Extension Attribute Map							
audioVideoConnectorInformation/audioVisualConnectionLocationCode	AV Connection Location Code	audioVideoConnectorInformation/audioVisualConnectionLocationCode	MCD025	O	string	1/35	0 to 1	The location on the unit of any audio visual connector for example top.	Extensions – Audio Video
audioVideoConnectorInformation/audioVisualConnectionQuantity	AV Connection Quantity	audioVideoConnectorInformation/audioVisualConnectionQuantity	AUD002	O	integer	1/10	0 to 1	The number of audio visual connections available on the unit	Extensions – Audio Video

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
								expressed as a code.	
audioVideoConnectorInformation/audioVisualConnectionTypeCode	AV Connection Type Code	audioVideoConnectorInformation/audioVisualConnectionTypeCode	AUD003	O	string	1/70	0 to 1	The types of Standard or Basic Connection Types that are available expressed as a code	Extensions – Audio Video
audioVideoConnectorInformation/audioVisualConnectionInputDirectionCode	AV Connection Input Direction Code	audioVideoConnectorInformation/audioVisualConnectionInputDirectionCode	AUD004	O	string	1/35	0 to 1	The directions of connections (input, output) that are available expressed as a code value	Extensions – Audio Video
signalProcessingTypeCode	Signal Processing Type Code	signalProcessingTypeCode	AUD005	O	string	1/35	0 to 1	The type of processing capability of the television to receive and process enhanced signal types expressed as a code.	Extensions – Audio Video
availableChannelStationQuantity	Available Channel Station Quantity	availableChannelStationQuantity	AUD006	O	integer	1/10	0 to 1	A tuner type is the technology used for the built-in receiver expressed as a code for example HD.	Extensions – Audio Video
tunerTypeCode	Tuner Type Code	tunerTypeCode	AUD007	O	string	1/35	0 or More	The components, devices, and recording media that retain	Extensions – Audio Video

GDSN CIN Audio, Video, and Photography Extension Attribute Map

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
								digital data that is external to the device expressed as a code.	
electronicProgrammingGuideDaysAvailable	Electronic Programming Guide Days Available	electronicProgrammingGuideDaysAvailable	AUD008	O	integer	1/10	0 to 1	The components, devices, and recording media that retain digital data that is internal to the device expressed as a code.	Extensions – Audio Video
externalMemoryTypeCode	External Memory Type Code	externalMemoryTypeCode	AUD009	O	string	1/35	0 or More	The components, devices, and recording media that retain digital data that is internal to the device expressed as a code.	Extensions – Audio Video
internalMemoryTypeCode	Internal Memory Type Code	internalMemoryTypeCode	AUD010	O	string	1/35	0 to 1	The components, devices, and recording media that retain digital data that is internal to the device expressed as a code.	Extensions – Audio Video
displayScreenTypeCode	Display Screen Type Code	displayScreenTypeCode	AUD011	O	string	1/70	0 or More	The type of output device for presentation of visual information.	Extensions – Audio Video

GDSN CIN Audio, Video, and Photography Extension Attribute Map

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
			GDSN CIN Audio, Video, and Photography Extension Attribute Map						
horizontalViewingAngle	Horizontal Viewing Angle	horizontalViewingAngle	AUD013	O	integer	1/35	0 to 1	The maximum angle that a picture can be viewed without distortion in the horizontal orientation expressed in degrees.	Extensions – Audio Video
verticalViewingAngle	Vertical Viewing Angle	verticalViewingAngle	AUD014	O	integer	1/35	0 to 1	The maximum angle that a picture can be viewed without distortion in the vertical orientation expressed in degrees.	Extensions – Audio Video
displayScreenBezelSize	Display Screen Bezel Size	displayScreenBezelSize	AUD015	O	float	15,30	0 or More	The measurement from the edge of physical screen to the frame.	Extensions – Audio Video
televisionInformationServiceTypeCode	Television Information Service Type Code	televisionInformationServiceTypeCode	AUD016	O	string	1/35	0 or More	The type of text information services the unit can process expressed as a code.	Extensions – Audio Video
televisionTextMemoryPageQuantity	Television Text Memory Page Quantity	televisionTextMemoryPageQuantity	AUD017	O	integer	1/10	0 to 1	This is the quantity of pages expressed as an integer that the television memory maintains for previously viewed	Extensions – Audio Video

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
								Teletext content.	

APPENDIX AVP – GDSN CIN AVP EXTENSION INFORMATION

This appendix has been designed to work in conjunction with the 1SYNC *IM Participant Dictionary*, the *Data Source GDSN Interoperability Guide*, *the Data Source 1SYNC XML Guide, the Data Recipient 1SYNC XML Guide, and the 1SYNC IM Valid Values* documents to provide a summary of the core 1SYNC IM trade item attributes required for data synchronization, as well all of the Food and Beverage CIN Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

Sending the AVP Extension on a CIN Message

The AVP CIN Extension will be sent to customers that are configured at 1SYNC to receive the extension. The AVP CIN Extension is considered Optional and will be sent to the Retailer once the Retailer GLN is setup to receive the extension, and will only be present on the CIN message if all of the conditions are met and all validations have been passed.

General Mapping Rules, Validations, and Resulting Responses

Listed below are the 1SYNC Item attributes mapped in the GDSN CIN AVP Extension with the applicable mapping logic. Also listed are potential error conditions resulting in a message or a failure as noted in the table below.

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
acceleratedGraphic sPortSpeed	Accelerated Graphics Port Speed	acceleratedGraphic sPortSpeed	AVP128	O	Integer	1/4	0 to 1	The speed of the accelerated graphics port (AGP) measured in multiples of Base.	AVP ELECTRONICS & APPLIANCES
additionalCouponF amilyCode	Additional Coupon Family Code	additionalCouponFa milyCode	AVP966	O	string	1/3	0..1	Additional code assigned by the vendor to a single trade item or to families of consumer trade items that can be used by in store scanners in conjunction with a U.P.C. coupon value code for coupon value discount when the proper trade item has been purchased.	AVP MARKETING & CONTACT INFORMATION
additionalFeatures OrIncludedAccesso ries	Additional Features Or Included Accessories	additionalFeatures OrIncludedAccesso ries	AVP129	O	String	1/250	0 to 1	Additional features or included accessories that are very product specific that are not covered by any other general attribute. This is a Free Form String, be specific as possible.	AVP ELECTRONICS & APPLIANCES
additionalPackagin gMarkedLabelAccre	Additional Packaging	additionalPackagin gMarkedLabelAccre	AVP967	O	string	1/200	0..Many	A text description of a label that the trade item received	AVP PACKAGING

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
ditation	Marked Label Accreditation	ditation						recognition, endorsement, certification by following guidelines by the label issuing agency.	
additionalPrinterFunctions	Additional Printer Functions	additionalPrinterFunctions	AVP130	O	String	1/70	0 to 3	Describes functions other than printing that the printer can perform.	AVP ELECTRONICS & APPLIANCES
additionalShredderCapabilities	Additional Shredder Capabilities	additionalShredderCapabilities	AVP131	O	String	1/70	0 to 2	Describes the additional mediums that the product can shred.	AVP ELECTRONICS & APPLIANCES
adjustableDirection	Adjustable Direction	adjustableDirection	AVP132	O	String	1/70	0 to 3	Identifies the product's adjustable direction.	AVP ELECTRONICS & APPLIANCES
adjustableShelfType	Adjustable Shelf Type	adjustableShelfType	AVP133	O	String	1/70	0 to 3	Identifies the type of adjustable shelf the product contains.	AVP ELECTRONICS & APPLIANCES
airConditionerUnitType	Air Conditioner Unit Type	airConditionerUnitType	AVP134	O	String	1/70	0 to 2	Identifies the type of AC Unit the product contains.	AVP ELECTRONICS & APPLIANCES
albumCapacity	Album Capacity	albumCapacity	AVP135	O	Integer	1/4	0 to 1	Describes the number of photos the album can hold. Values are in number of packets (Pkt).	AVP ELECTRONICS & APPLIANCES
albumCapacityUOM	Album Capacity UOM	albumCapacityUOM	AVP136	O	String	1/70	0 to 1	The unit of measurement associated with the album capacity.	AVP ELECTRONICS & APPLIANCES
alcoholicBeverageP	Alcoholic Beverage	alcoholicBeverageP	AVP027	O	String	2/2	0 to 100	Indication of a Permission level for alcoholic products	AVP FOOD & BEVERAGE

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
ermissionLevel	Permission Level	ermissionLevel						dependent on the product classification. The permission level codes should reflect those of the target market.	
alcoholicBeverageSubregionOfOrigin	Alcoholic Beverage Subregion Of Origin	alcoholicBeverageSubregionOfOrigin	AVP030	O	String	1/70	0 to 100	Indication of sub region of origin of the trade item.	AVP FOOD & BEVERAGE
alcoholicBeverageSugarGramsPerLitre	Alcoholic Beverage Sugar Grams Per Litre	alcoholicBeverageSugarGramsPerLitre	AVP031	O	Decimal	1/4	0 to 100	Indication of the amount of sugar contained in the beverage in gram per litre.	AVP FOOD & BEVERAGE
allergenRelevantDataProvided	allergenRelevantDataProvided	allergenRelevantDataProvided	AVP961	O	boolean		0 or 1	Allergen Information is populated for those values which are relevant or required to be populated on the product label or label equivalent. All values not populated are not relevant or not required to be populated on the product label by local regulations.	AVP FOOD & BEVERAGE
allergenStatementFormattingPattern	Allergen Statement Formatting Pattern	allergenStatementFormattingPattern	AVP968	O	string	1/1000	0 to Many	The formatting pattern of text for allergen statement to generically emphasize a word or set of words and to denote a paragraph break.	AVP FOOD & BEVERAGE

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
amountOfConnecte dEquipmentGuaran tee	Amount Of Connected Equipment Guarantee	amountOfConnecte dEquipmentGuaran tee	AVP137	O	Integer	1/8	0 to 1	The dollar amount the manufacturer will reimburse the consumer, in the case that a product attached to this product is damaged due to failure of the product. Measured in US Dollars.	AVP ELECTRONICS & APPLIANCES
amountOfMemoryI ncluded	Amount Of Memory Included	amountOfMemoryI ncluded	AVP900	O	Integer	1/4	0 to 1	What is the total basic memory included with the unit.	AVP ELECTRONICS & APPLIANCES
amountOfMemoryI ncludedUOM	Amount Of Memory Included UOM	amountOfMemoryI ncludedUOM	AVP901	O	Integer	1/70	0 to 1	Indicates the Unit of Measure used for Memory Included	AVP ELECTRONICS & APPLIANCES
amperage	Amperage	amperage	AVP138	O	Decimal	1/7,7	0 to 1	Describes the number of amps the product draws.	AVP ELECTRONICS & APPLIANCES
amplifierClass	Amplifier Class	amplifierClass	AVP902	O	String	1/70	0 to 1	What percentage of the input signal is utilized that helps determine sound effeciency?	AVP ELECTRONICS & APPLIANCES
antennaPowerSour ceType	Antenna Power Source Type	antennaPowerSour ceType	AVP139	O	String	1/70	0 to 1	Describes how the antenna is powered.	AVP ELECTRONICS & APPLIANCES
antennaType	Antenna Type	antennaType	AVP140	O	String	1/70	0 to 3	Describes the type of antenna.	AVP ELECTRONICS & APPLIANCES
applianceBaseColor	Appliance Base Color	applianceBaseColor	AVP141	O	String	1/70	0 to 2	Describes the appliance's general or base color.	AVP ELECTRONICS & APPLIANCES
applianceMarketing	Appliance Marketing	applianceMarketing	AVP142	O	String	1/70	0 to 1	Identifies the vendor specific marketing color of the	AVP ELECTRONICS &

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
Color	Color	Color						product.	APPLIANCES
applianceStyle	Appliance Style	applianceStyle	AVP143	O	String	1/70	0 to 1	Describes the appliance style.	AVP ELECTRONICS & APPLIANCES
applianceWattage	Appliance Wattage	applianceWattage	AVP144	O	Integer	1/4	0 to 1	Identifies the number of watts, in which the product operates efficiently. Measured in Watts.	AVP ELECTRONICS & APPLIANCES
areDemonstrationItemsAvailable	Are Demonstration Items Available?	areDemonstrationItemsAvailable	AVP068	O	Boolean	N/A	0 to 1	Indicates whether or not product demonstrations are available for the item.	AVP MARKETING & CONTACT INFORMATION
areHeadphonesIncluded	Are Headphones Included?	areHeadphonesIncluded	AVP146	O	Boolean		0 to 1	Indicates whether or not the product comes with headphones.	AVP ELECTRONICS & APPLIANCES
aRTGID	ARTG (Australian Register of Therapeutic Goods) Number	aRTGID	AUS010	O	String	1	15	The numeric identifier (ARTG ID) that is allocated to the product by the Australian Therapeutic Goods Administration for a registered or listed product.	AVP Australian Healthcare
audioVideoPlaybackCapability	Audio Video Playback Capability	audioVideoPlaybackCapability	AVP148	O	String	1/70	0 to 2	Indicates the product's ability to play audio, video or both.	AVP ELECTRONICS & APPLIANCES
audioWattsPerChannel	Audio Watts Per Channel	audioWattsPerChannel	AVP149	O	Integer	1/4	0 to 1	Indicates the system power for the channels in the audio system. Measured in Watts.	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
auLabelName	Label Name	labelName	AUS015	O	string	1/255	0..1	The name of the product as it appears on the packaging.	AVP Australian Healthcare
automatedDocumentFeederPageCapacity	Automated Document Feeder Page Capacity	automatedDocumentFeederPageCapacity	AVP150	O	Integer	1/4	0 to 1	Indicates the number of pages the self-loader holds at one time. Measured in Pages.	AVP ELECTRONICS & APPLIANCES
averageCostPerPrint	Average Cost Per Print	averageCostPerPrint	AVP152	O	String	1/70	0 to 1	Indicates the average cost per print using this product.	AVP ELECTRONICS & APPLIANCES
averageMillisecondsOfDiskSeekTime	Average Milliseconds Of Disk Seek Time	averageMillisecondsOfDiskSeekTime	AVP153	O	Decimal	1/7,7	0 to 1	Indicates the amount of time it takes to read and return data from the disc. Measured in ms (Milliseconds).	AVP ELECTRONICS & APPLIANCES
aVInputOutputLocation	AV Input Output Location	aVInputOutputLocation	AVP151	O	String	1/70	0 to 3	Indicates the location of AV Input/Output connections.	AVP ELECTRONICS & APPLIANCES
avpAreBatteriesRequired and areBatteriesRequired	Are Batteries Required?	avpAreBatteriesRequired	AVP145	O	Boolean		0 to 1	Indicates whether or not batteries are required to use the product.	AVP ELECTRONICS & APPLIANCES
avpAspectRatio	Aspect Ratio	aspectRatio	AVP147	O	String	1/70	0 to 1	Indicates the dimensions of a TV; whether of not it is wide screen or standard.	AVP ELECTRONICS & APPLIANCES
avpControlledSubstanceCode	Controlled Substance	controlledSubstanceCode	AVP041	O	String	1/150	0 to 100	A code identifying the specific substance the item	AVP HAZMAT & CONTROLLED

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
	Code							contains that is regulated under law as narcotics, stimulants, depressants, hallucinogens, anabolic steroids, and chemicals used in the illicit production of controlled substances.	SUBSTANCE
avpPrimaryDelivery MethodType	Primary Delivery Method Type	primaryDeliveryMet hodType	AVP721	O	String	1/60	0 to 100	The code value that Indicates the primary method of delivery for the trade item. The suggested values of this code list are: Warehouse, Direct Store Delivery, Warehouse and DSD, Drop Ship, Direct To Consumer.	AVP MANUFACTURING, HANDLING, & DELIVERY
avpQuantityOfBatt eriesRequired

and

quantityOfBatteries Required | Quantity Of Batteries Required | avpQuantityOfBatt eriesRequired | AVP566 | O | Integer | 1/4 | 0 to 1 | Indicates the number of batteries the product requires to run. | AVP ELECTRONICS & APPLIANCES |
| avpReturnGoodsPol icy | Return Goods Policy | returnGoodsPolicy | AVP039 | O | String | 1/150 | 0 to 100 | A code that describes the policy for defective, damaged, or non-salable goods. | AVP MANUFACTURING, HANDLING, & DELIVERY |
| baglessTechnology Type | Bagless Technology Type | baglessTechnology Type | AVP154 | O | String | 1/70 | 0 to 1 | Indicates the type of technology used by the product to store dirt. | AVP ELECTRONICS & APPLIANCES |

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
			GDSN CIN AVP Extension Attribute Map						
baseUnitsPerPallet	Base Units Per Pallet	baseUnitsPerPallet	AVP848	O	Integer	1/8	0 to 1	The total number of base units contained on the pallet.	AVP AUSTRALIA
batteryLife	Battery Life	batteryLife	AVP155	O	Integer	1/4	0 to 1	Identifies the length of time the battery will last.	AVP ELECTRONICS & APPLIANCES
batteryLifeUOM	Battery Life UOM	batteryLifeUOM	AVP156	O	String	1/70	0 to 1	The unit of measurement associated with the Battery Life.	AVP ELECTRONICS & APPLIANCES
batterySize	Battery Size	batterySize	AVP776	O	String	1/70	0 to 1	Indicates the size of the battery.	AVP ELECTRONICS & APPLIANCES
beverageCountryOf Bottling	Beverage Country Of Bottling	beverageCountryOf Bottling	AVP038	O	String	1/60	0 to 100	The country in which the beverage is bottled.	AVP FOOD & BEVERAGE
binocularSize	Binocular Size	binocularSize	AVP157	O	String	1/70	0 to 1	Describes the size classification of the binocular.	AVP ELECTRONICS & APPLIANCES
biometricSecurityF eatures	Biometric Security Features	biometricSecurityF eatures	AVP903	O	String	1/70	0 to 1	What are the Biometric Security Features that are installed on the Product?	AVP ELECTRONICS & APPLIANCES
blackAndWhitePrint Speed	Black And White Print Speed	blackAndWhitePrint Speed	AVP158	O	Integer	1/4	0 to 1	Indicates the black and white print speed of the product. Measured in Pages per Minute (PPM).	AVP ELECTRONICS & APPLIANCES
blankMediaPackagi ngType	Blank Media Packaging Type	blankMediaPackagi ngType	AVP777	O	String	1/70	0 to 1	Identifies the type of storage or packaging for, which the Blank Media is contained.	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
**GDSN CIN AVP Extension Attribute Map**									
bodyStyle	Body Style	bodyStyle	AVP159	O	String	1/70	0 to 1	Indicates the style of the body of the product.	AVP ELECTRONICS & APPLIANCES
bottleCapacity	Bottle Capacity	bottleCapacity	AVP893	O	Integer	1/4	0 to 1	Indicates the Bottle Capacity of the unit (in the appliance). Values should be in range from 0 to 100.	AVP ELECTRONICS & APPLIANCES
brandCompatibility	Brand Compatibility	brandCompatibility	AVP160	O	String	1/70	0 to 1	Indicates whether the product is manufactured to support a specific brand(s) or if it is intended to use across brands (universal).	AVP ELECTRONICS & APPLIANCES
brandOwnerAddres s	Brand Owner Address	brandOwnerAddres s	AVP969	O	string	1/500	0..1	The address of the organization that owns the specifications of the product.	AVP MARKETING & CONTACT INFORMATION
bridgeType	Bridge Type	bridgeType	AVP161	O	String	1/70	0 to 1	Describes the type of bridge that the product contains. A bridge is a device for supporting the strings on a stringed instrument and transmitting the vibration of those strings to some other structural component of the instrument that transfers the sound to the surrounding air.	AVP ELECTRONICS & APPLIANCES
bTURating	BTU Rating	bTURating	AVP162	O	Integer	1/8	0 to 1	British Thermal Unit; describes the unit's output rating.	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
bufferSize	Buffer Size	bufferSize	AVP163	O	Integer	1/4	0 to 1	Indicates the size of the temporary memory that the system uses to store data.	AVP ELECTRONICS & APPLIANCES
bufferSizeUOM	Buffer Size UOM	bufferSizeUOM	AVP164	O	String	1/70	0 to 1	The unit of measurement associated with the Buffer Size.	AVP ELECTRONICS & APPLIANCES
builtinHeater	Built-in Heater?	builtinHeater	AVP165	O	Boolean		0 to 1	Indicates whether or not the product has a built-in heater for the waterline.	AVP ELECTRONICS & APPLIANCES
busType	Bus Type	busType	AVP823	O	String	1/70	0 to 1	Describes how this product interfaces with a computer. Examples: PCI, AGP, PCI-E.	AVP ELECTRONICS & APPLIANCES
buyerContactName	Buyer Contact Name	buyerContactName	AVP166	O	String	1/70	0 to 3	Used for the ID for the ARI user ID, all data types should be the same as the ARI tables. This is a buyer name (If the supplier cannot send this, their sales rep will need to log into PIM to provide).	AVP ELECTRONICS & APPLIANCES
c4p4ItemCode	Item Code	c4p4ItemCode	AVP935	O	String	1/13	0 to 1	The item identifier assigned by the retailer to the vendor GTIN.	TAIWAN
c4p4PromotionPurc hasePrice	Promotion Purchase Price	c4p4PromotionPurc hasePrice	AVP940	O	Decimal	1/14,4	0 to 1	The promotion or override purchase price that is appropriate to the retailer. It is assigned by the vendor to the consumer unit when	TAIWAN

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
								selling to the retailer.	
c4p4PromotionPurc hasePriceEndDate	Promotion Purchase Price End Date	c4p4PromotionPurc hasePriceEndDate	AVP939	O	Date		0 to 1	The end date that is associated with the retailer Promotion purchase price when selling to the retailer.	TAIWAN
c4p4PromotionPurc hasePriceStartDate	Promotion Purchase Price Start Date	c4p4PromotionPurc hasePriceStartDate	AVP938	O	Date		0 to 1	The start date that is associated with the retailer Promotion purchase price when selling to the retailer.	TAIWAN
c4p4PurchasePrice	Purchase Price	c4p4PurchasePrice	AVP937	O	Decimal	1/14,4	0 to 1	The purchase price appropriate to the retailer that is assigned by the vendor to the consumer unit when selling to the retailer.	TAIWAN
c4p4PurchasePrice StartDate	Purchase Price Start Date	c4p4PurchasePrice StartDate	AVP936	O	Date		0 to 1	The start date that is associated with the retailer purchase price when selling to the retailer.	TAIWAN
cableConnectionTy pes	Cable Connection Types	cableConnectionTy pes	AVP167	O	String	1/70	0 to 1	Indicates the type of cable connections the product contains.	AVP ELECTRONICS & APPLIANCES
cableLength	Cable Length	cableLength	AVP168	O	Integer	1/4	0 to 1	Indicates the length of the cable.	AVP ELECTRONICS & APPLIANCES
cableLengthUOM	Cable Length UOM	cableLengthUOM	AVP169	O	String	1/70	0 to 1	The Unit of Measure associated with the Cable Length.	AVP ELECTRONICS & APPLIANCES

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
cacheSize	Cache Size	cacheSize	AVP170	O	Integer	1/4	0 to 1	Indicates the product's cache size. Cache size is the amount of storage located on the computer's hard drive or RAM where recently viewed files are stored.	AVP ELECTRONICS & APPLIANCES
cacheUOM	Cache UOM	cacheUOM	AVP171	O	String	1/70	0 to 1	The Unit of Measure associated with Cache Size.	AVP ELECTRONICS & APPLIANCES
callerIDLocation	Caller ID Location	callerIDLocation	AVP172	O	String	1/70	0 to 2	Indicates the location of the Caller ID on the product.	AVP ELECTRONICS & APPLIANCES
cameraBagComposition	Camera Bag Composition	cameraBagComposition	AVP173	O	String	1/70	0 to 3	Describes the material from, which the bag is made.	AVP ELECTRONICS & APPLIANCES
cameraBagType	Camera Bag Type	cameraBagType	AVP174	O	String	1/70	0 to 2	Indicates the size/purpose of the bag.	AVP ELECTRONICS & APPLIANCES
cameraFilmType	Camera Film Type	cameraFilmType	AVP175	O	String	1/70	0 to 1	Indicates the film type for camera use.	AVP ELECTRONICS & APPLIANCES
cameraFlashType	Camera Flash Type	cameraFlashType	AVP176	O	String	1/70	0 to 1	Indicates the type of flash the product contains.	AVP ELECTRONICS & APPLIANCES
cameraKitAccessoriesDescription	Camera Kit Accessories Description	cameraKitAccessoriesDescription	AVP177	O	String	1/70	0 to 5	Describes which accessories are included with the camera product.	AVP ELECTRONICS & APPLIANCES
cameraLensMagnification	Camera Lens Magnification	cameraLensMagnification	AVP178	O	String	1/70	0 to 1	Indicates the lens magnification of the camera product.	AVP ELECTRONICS & APPLIANCES
cameraLensOptical	Camera Lens	cameraLensOptical	AVP179	O	String	1/70	0 to 1	Indicates the optical zoom on	AVP ELECTRONICS &

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map								
Zoom	Optical Zoom	Zoom						the camera product.	APPLIANCES
cameraLensZoomR ange	Camera Lens Zoom Range	cameraLensZoomR ange	AVP180	O	String	1/70	0 to 1	Indicates the range of the camera lens on the product.	AVP ELECTRONICS & APPLIANCES
canDisplayPictures	Can Display Pictures?	canDisplayPictures	AVP181	O	Boolean		0 to 1	Indicates whether or not the display has the ability to display pictures.	AVP ELECTRONICS & APPLIANCES
canDownloadGame s	Can Download Games?	canDownloadGame s	AVP766	O	Boolean		0 to 1	Indicates whether or not the product has the ability to download games to the device.	AVP ELECTRONICS & APPLIANCES
canDownloadHighS peedBroadband	Can Download High Speed Broadband?	canDownloadHighS peedBroadband	AVP767	O	Boolean		0 to 1	Indicates whether or not the product can download at high speeds similar to that of the broadband internet.	AVP ELECTRONICS & APPLIANCES
canMountUnderCab inet	Can Mount Under Cabinet?	canMountUnderCab inet	AVP182	O	Boolean		0 to 1	Indicates whether or not the product be mounted under a cabinet.	AVP ELECTRONICS & APPLIANCES
canPrintDirectToCD	Can Print Direct To CD?	canPrintDirectToCD	AVP183	O	Boolean		0 to 1	Indicates whether or not the product can print directly onto a CD rather than a label sheet.	AVP ELECTRONICS & APPLIANCES
canPrintOnTradeIte m	Can Print On Trade Item?	canPrintOnTradeIte m	AVP184	O	Boolean		0 to 1	Indicates whether or not you are able to print on the product.	AVP ELECTRONICS & APPLIANCES
canRecord2Progra	Can Record 2 Programs	canRecord2Progra	AVP185	O	Boolean		0 to 1	Indicates whether or not the product can record two	AVP ELECTRONICS &

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
msSimultaneously	Simultaneously?	msSimultaneously						different shows at one time.	APPLIANCES
canStoreWaypoints	Can Store Waypoints?	canStoreWaypoints	AVP186	O	Boolean		0 to 1	Indicates whether or not the product has the ability to store waypoints. A waypoint is any mapped reference point you can insert into memory to mark a path or spot on the GPS.	AVP ELECTRONICS & APPLIANCES
canSwivel	Can Swivel?	canSwivel	AVP187	O	Boolean		0 to 1	Indicates whether or not the product has a swivel capability.	AVP ELECTRONICS & APPLIANCES
canSynchronizeWithCalendars	Can Synchronize With Calendars?	canSynchronizeWithCalendars	AVP768	O	Boolean		0 to 1	Indicates whether or not the product can synchronize with other electronic calendars.	AVP ELECTRONICS & APPLIANCES
canSynchronizeWithEmail	Can Synchronize With Email?	canSynchronizeWithEmail	AVP769	O	Boolean		0 to 1	Indicates whether or not the product can synchronize with an email account.	AVP ELECTRONICS & APPLIANCES
canWakeToCD	Can Wake To CD?	canWakeToCD	AVP188	O	Boolean		0 to 1	Indicates whether or not the product has the capability to set an alarm to wake to CD.	AVP ELECTRONICS & APPLIANCES
capacityOfExpandibleHandsets	Capacity Of Expandible Handsets	capacityOfExpandibleHandsets	AVP189	O	String	1/4	0 to 1	Indicates the maximum capacity of the expandable unit.	AVP ELECTRONICS & APPLIANCES
capacityQuantity	Capacity	capacityQuantity	AVP190	O	Decimal	1/7,7	0 to 1	Generally defines how much the product can hold. The	AVP ELECTRONICS &

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
							GDSN CIN AVP Extension Attribute Map		
	Quantity							values are in reference to the appliance capacity in Cubic feet.	APPLIANCES
capacityQuantityUOM	Capacity Quantity UOM	capacityQuantityUOM	AVP191	O	String	1/70	0 to 1	The unit of measurement associated with Capacity Quantity.	AVP ELECTRONICS & APPLIANCES
capacityType	Capacity Type	capacityType	AVP192	O	String	1/70	0 to 1	Generally defines how much the product can hold. For washers extra large and super capacity. Also, on this is recordable media that has double layered disks and regular.	AVP ELECTRONICS & APPLIANCES
casingTareWeight	Casing Tare Weight	casingTareWeight	AVP091	O	Decimal	1/38,15	0 to 100	The weight measurement of the "food casing". A casing for food products is flexible tubing into which foods are stuffed to provide a skin-tight covering. Used in packaging prepared meats, poultry, cheese, and other food products. "Tare Weight – food casing" applies to the "each" level. The aggregate of the tare weight can be used for calculating the higher packaging levels. For example a sausage has a net weight of 120 grams; the	AVP MEASURES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								tare weight – food casing is 5 grams. When in a carton of 12 sausages - add together each sausage's tare weight – food casing for the accumulated total of all the sausages in the carton for total tare weight – food casing by carton 5 grams *12 sausages = 60 grams tare weight – food casing.	
casingTareWeightUOM	Casing Tare Weight UOM	casingTareWeightUnitOfMeasure	AVP092	O	String	1/3	0 to 100	The unit of measurement associated with the casing tare weight (for example OZ).	AVP MEASURES
cassetteCapacity	Cassette Capacity	cassetteCapacity	AVP193	O	Integer	1/4	0 to 1	Indicates the amount of cassettes the product can hold.	AVP ELECTRONICS & APPLIANCES
cdCapacity	CD Capacity	cdCapacity	AVP194	O	Integer	1/4	0 to 1	Indicates the maximum number of CD's the player can hold.	AVP ELECTRONICS & APPLIANCES
ceAndAccessoryPrimaryColor	CE And Accessory Primary Color	ceAndAccessoryPrimaryColor	AVP195	O	String	1/70	0 to 1	Indicates the dominant color of the product.	AVP ELECTRONICS & APPLIANCES
ceAndAccessorySecondaryColor	CE And Accessory Secondary	ceAndAccessorySecondaryColor	AVP196	O	String	1/70	0 to 1	Indicates the second most dominant color of the product.	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
	Color								
cellularServiceProviderName	Cellular Service Provider Name	cellularServiceProviderName	AVP197	O	String	1/70	0 to 1	Identifies the name of the service provider for the product.	AVP ELECTRONICS & APPLIANCES
chemicalClass	Chemical Class	chemicalClass	MCD006	O	string	1/4	0..1	Governmental-assigned hazardous material classification pertaining to the product.	AVP McDonald's
classificationCodeOtherATC	Classification Code - Other ATC	classificationCodeOtherATC	AU011	O	String		15	1	AVP Australian Healthcare
cleanAirDeliveryRateDust	Clean Air Delivery Rate - Dust	cleanAirDeliveryRate_Dust	AVP738	O	Integer	1/4	0 to 1	Describes the clean air delivery rate for dust. CADR indicates volume of filtered air delivered by an air cleaner. The higher the tobacco smoke, pollen and dust numbers, the faster the unit filters the air.	AVP ELECTRONICS & APPLIANCES
cleanAirDeliveryRatePollen	Clean Air Delivery Rate - Pollen	cleanAirDeliveryRate_Pollen	AVP739	O	Integer	1/4	0 to 1	Describes the clean air delivery rate for pollen. CADR indicates volume of filtered air delivered by an air cleaner. The higher the tobacco smoke, pollen and dust numbers, the faster the unit filters the air.	AVP ELECTRONICS & APPLIANCES

The table title row reads: **GDSN CIN AVP Extension Attribute Map**

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
cleanAirDeliveryRat eSmoke	Clean Air Delivery Rate - Smoke	cleanAirDeliveryRat e_Smoke	AVP740	O	Integer	1/4	0 to 1	Describes the clean air delivery rate for smoke. CADR indicates volume of filtered air delivered by an air cleaner. The higher the tobacco smoke, pollen and dust numbers, the faster the unit filters the air.	AVP ELECTRONICS & APPLIANCES
cleaningMethod	Cleaning Method	cleaningMethod	AVP198	O	String	1/70	0 to 1	Indicates the method in which to clean the product.	AVP ELECTRONICS & APPLIANCES
cleaningPathWidth	Cleaning Path Width	cleaningPathWidth	AVP199	O	Integer	1/4	0 to 1	Identifies the width of the vacuum cleaning area.	AVP ELECTRONICS & APPLIANCES
cleaningPathWidth UOM	Cleaning Path Width UOM	cleaningPathWidth UOM	AVP200	O	String	1/70	0 to 1	The unit of measurement associated with Cleaning Path Width.	AVP ELECTRONICS & APPLIANCES
coffeeFilterType	Coffee Filter Type	coffeeFilterType	AVP201	O	String	1/70	0 to 1	Indicates the type of filter that can be used in the coffee maker.	AVP ELECTRONICS & APPLIANCES
colorPrintSpeed	Color Print Speed	colorPrintSpeed	AVP202	O	Integer	1/4	0 to 1	Indicates the color print speed of the product. Measured in Pages per Minute (PPM).	AVP ELECTRONICS & APPLIANCES
combFilterTechnolo gy	Comb Filter Technology	combFilterTechnolo gy	AVP203	O	String	1/70	0 to 1	Indicates the technology of the monitor's comb filter.	AVP ELECTRONICS & APPLIANCES
combinationTelevis ionFunctions	Combination Television	combinationTelevis ionFunctions	AVP204	O	String	1/70	0 to 3	Describes the other functions the TV has.	AVP ELECTRONICS & APPLIANCES

Participant Dictionary

GDSN CIN AVP Extension Attribute Map

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
	Functions								
communicationAddress	Communication Address	communicationAddress	DAS026	O	String	1/350	0 or More	The communication address associated with the contact type as stated on label	AVP PACKAGING
comparableBrandedProducts	Comparable Branded Products	comparableBrandedProducts	AVP058	O	String	1/150	0 to 100	Description of similar national branded items used for private label items.	AVP PRODUCT DESCRIPTION & ALTERNATES
computerAccessoryType	Computer Accessory Type	computerAccessoryType	AVP205	O	String	1/70	0 to 1	Indicates the product's type of Computer Accessory.	AVP ELECTRONICS & APPLIANCES
connectorType	Connector Type	connectorType	AVP206	O	String	1/70	0 to 1	Indicates the type of connector.	AVP ELECTRONICS & APPLIANCES
consumerSupportContactAddress	Consumer Support Contact Address	consumerSupportContactAddress	AVP970	O	string	1/500	0..1	The address of Consumer Support organization. The party which provides product support to the end user of a trade item or a service (GS1 Code)	AVP MARKETING & CONTACT INFORMATION
consumerSupportContactName	Consumer Support Contact Name	consumerSupportContactName	AVP971	O	string	1/200	0..1	The Name of Consumer Support organization. The party which provides product support to the end user of a trade item or a service (GS1 Code)	AVP MARKETING & CONTACT INFORMATION
consumerUsageInstructions	Consumer Usage	consumerUsageInstructions	AVP972	O	string	1/1000	0..Many	Expresses in text the consumer usage instructions of a product which are	AVP MARKETING & CONTACT

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
							GDSN CIN AVP Extension Attribute Map		
	Instructions							normally held on the label or accompanying the product.	INFORMATION
contactName	Contact Name	contactName	AVP954	O	String	1/200	0 or More	The name of the company or person associated with the contact type.	AVP PACKAGING
contactPartyType	Contact Party Type	contactPartyType	AVP054	O	String	1/150	0 to 100	The role of the individual or department that can be contacted to provide additional information.	AVP MARKETING & CONTACT INFORMATION
contrastRatioDyna mic	Contrast Ratio Dynamic	contrastRatioDyna mic	AVP824	O	String	1/70	0 to 1	Indicates the ratio of lumenosity of the brightest and darkest color the system is capable of producing simultaneously over time. Examples: 550_1, 600_1, 700_1.	AVP ELECTRONICS & APPLIANCES
contrastRatioStatic	Contrast Ratio Static	contrastRatioStatic	AVP825	O	String	1/70	0 to 1	Indicates the ratio of lumenosity of the brightest and darkest color the system is capable of producing simultaneously at any instance of time. Examples: 550_1, 600_1, 700_1.	AVP ELECTRONICS & APPLIANCES
controlledSubstanc eAmount	Controlled Substance Amount	controlledSubstanc eAmount	AVP045	O	Decimal	1/38,15	0 to 100	The numeric amount of a specific substance the item contains that is regulated under law as narcotics, stimulants, depressants,	AVP HAZMAT & CONTROLLED SUBSTANCE

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								hallucinogens, anabolic steroids, and chemicals used in the illicit production of controlled substances.	
controlledSubstanceName	Controlled Substance Name	controlledSubstanceName	AVP042	O	String	1/150	0 to 100	The name of a specific substance the item contains that is regulated under law as narcotics, stimulants, depressants, hallucinogens, anabolic steroids, and chemicals used in the illicit production of controlled substances.	AVP HAZMAT & CONTROLLED SUBSTANCE
controlledSubstanceRegulatoryAct	Controlled Substance Regulatory Act	controlledSubstanceRegulatoryAct	AVP044	O	String	1/150	0 to 100	The name of the Act regulating the manufacture and distribution of narcotics, stimulants, depressants, hallucinogens, anabolic steroids, and chemicals used in the illicit production of controlled substances.	AVP HAZMAT & CONTROLLED SUBSTANCE
controlledSubstanceRegulatoryAgency	Controlled Substance Regulatory Agency	controlledSubstanceRegulatoryAgency	AVP043	O	String	1/150	0 to 100	The name of the Agency regulating the manufacture and distribution of narcotics, stimulants, depressants, hallucinogens, anabolic steroids, and chemicals used in the illicit production of controlled substances.	AVP HAZMAT & CONTROLLED SUBSTANCE

The header subtitle row: **GDSN CIN AVP Extension Attribute Map**

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
controlledSubstanceScheduleCode	Controlled Substance Schedule Code	controlledSubstanceScheduleCode	AVP047	O	String	1/150	0 to 100	A code that rates a controlled substance based upon the degree of the substance's medicinal value, harmfulness, and potential for abuse or addiction.	AVP HAZMAT & CONTROLLED SUBSTANCE
controlledSubstanceUnitOfMeasure	Controlled Substance Unit Of Measure	controlledSubstanceUnitOfMeasure	AVP046	O	String	1/3	0 to 100	The unit of measure associated with the Controlled Substance Amount.	AVP HAZMAT & CONTROLLED SUBSTANCE
controllerType	Controller Type	controllerType	AVP770	O	String	1/70	0 to 2	Describes the type of controller for, which this video game accessory is.	AVP ELECTRONICS & APPLIANCES
controlOfHazardousSubstancesDataElectronicAddress	controlOfHazardousSubstancesDataElectronicAddress	controlOfHazardousSubstancesDataElectronicAddress	AVP917	O	String	1/255	0 to 1	Electronic address as to where to locate the 'out of network data' concerning the control substances can be found	AVP HAZMAT & CONTROLLED SUBSTANCE
controlOfHazardousSubstancesRegulationsAgency	controlOfHazardousSubstancesRegulationsAgency	controlOfHazardousSubstancesRegulationsAgency	AVP915	O	String	1/255	0 to 1	The government or agency that owns regulation controlling hazard substances that may apply to the product.	AVP HAZMAT & CONTROLLED SUBSTANCE
controlOfHazardousSubstancesRegulationsRegulationName	controlOfHazardousSubstancesRegulationsRegulationName	controlOfHazardousSubstancesRegulationsRegulationName	AVP916	O	String	1/255	0 to 1	The name of the regulation controlling hazard substances that may apply to the product	AVP HAZMAT & CONTROLLED SUBSTANCE

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
controlPanelType	Control Panel Type	controlPanelType	AVP208	O	String	1/70	0 to 1	Describes the controls and how they are used to set temperatures.	AVP ELECTRONICS & APPLIANCES
cookingOptions	Cooking Options	cookingOptions	AVP209	O	String	1/70	0 to 2	Describes the methods used to cook food when the product is in operation.	AVP ELECTRONICS & APPLIANCES
cooktopBurnerType	Cooktop Burner Type	cooktopBurnerType	AVP210	O	String	1/70	0 to 1	Indicates the product's style of burners.	AVP ELECTRONICS & APPLIANCES
copyrightCurrency	Copyright Currency Code	copyrightCurrency	AVP001	O	String	1/60	0 to 100	Currency of the Belgium Copyright fee.	AVP MARKETING & CONTACT INFORMATION
copyrightFee	Copyright Fee	copyrightFee	AVP002	O	Decimal	1/10,4	0 to 100	Copyright fee paid to the artist.	AVP MARKETING & CONTACT INFORMATION
copyrightRate	Copyright Rate	copyrightRate	AVP003	O	Decimal	1/5,2	0 to 100	Copyright fee rate paid to the artist.	AVP MARKETING & CONTACT INFORMATION
cordLength	Cord Length	cordLength	AVP211	O	Integer	1/4	0 to 1	Indicates the length of the cord attached to the product.	AVP ELECTRONICS & APPLIANCES
cordLengthUOM	Cord Length UOM	cordLengthUOM	AVP212	O	String	1/70	0 to 1	The unit of measurement associated with Cord Length.	AVP ELECTRONICS & APPLIANCES
cordlessFrequency	Cordless Frequency	cordlessFrequency	AVP905	O	Decimal	1/7,7	0 to 1	At what frequency does the cordless product operate?	AVP ELECTRONICS & APPLIANCES
cordlessFrequency UOM	Cordless Frequency	cordlessFrequency UOM	AVP906	O	String	1/70	0 to 1	Indicates the Unit of Measure used for Cordless Frequency.	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
	UOM							Examples: MHz, GHz.	
cordlessTechnology Type	Cordless Technology Type	cordlessTechnology Type	AVP213	O	String	1/70	0 to 1	Indicates the type of technology that is used in the cordless telephone.	AVP ELECTRONICS & APPLIANCES
countableItemsC1 D1	Countable Items C1D1	countableItemsC1 D1	AUS028	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC1 D2	Countable Items C1D2	countableItemsC1 D2	AUS029	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC1 D3	Countable Items C1D3	countableItemsC1 D3	AUS030	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC1 D4	Countable Items C1D4	countableItemsC1 D4	AUS031	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC1 D5	Countable Items C1D5	countableItemsC1 D5	AUS032	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC2 D1	Countable Items C2D1	countableItemsC2 D1	AUS033	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC2 D2	Countable Items C2D2	countableItemsC2 D2	AUS034	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
countableItemsC2 D3	Countable Items C2D3	countableItemsC2 D3	AUS035	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC2 D4	Countable Items unt C2D4	countableItemsC2 D4	AUS036	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC2 D4	Countable Items C2D4	countableItemsC2 D4	AUS036	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC2 D5	Countable Items C2D5	countableItemsC2 D5	AUS037	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC2 D5	Countable Items Amount C2D5	countableItemsC2 D5	AUS037	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC3 D1	Countable Items C3D1	countableItemsC3 D1	AUS038	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC3 D2	Countable Items C3D2	countableItemsC3 D2	AUS039	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC3 D3	Countable Items C3D3	countableItemsC3 D3	AUS040	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC3	Countable	countableItemsC3	AUS041	O	integer	1/5	0..1	The number of physically separate units within each	AVP Australian

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
D4	Items C3D4	D4						single, identical container.	Healthcare
countableItemsC3D5	Countable Items t C3D5	countableItemsC3D5	AUS042	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC3D5	Countable Items C3D5	countableItemsC3D5	AUS042	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC4D1	Countable Items C4D1	countableItemsC4D1	AUS043	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC4D2	Countable Items C4D2	countableItemsC4D2	AUS044	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC4D3	Countable Items C4D3	countableItemsC4D3	AUS045	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC4D4	Countable Items C4D4	countableItemsC4D4	AUS046	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC4D5	Countable Items C4D5	countableItemsC4D5	AUS047	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC5D1	Countable Items C5D1	countableItemsC5D1	AUS048	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
countableItemsC5D2	Countable Items C5D2	countableItemsC5D2	AUS049	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC5D3	Countable Items C5D3	countableItemsC5D3	AUS050	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC5D4	Countable Items C5D4	countableItemsC5D4	AUS051	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countableItemsC5D5	Countable Items C5D5	countableItemsC5D5	AUS052	O	integer	1/5	0..1	The number of physically separate units within each single, identical container.	AVP Australian Healthcare
countryOfOriginSubdivisionCode	Country Of Origin Subdivision Code	countryOfOriginSubdivisionCode	AVP732	O	String	4/7	0 to 100	The Country Of Origin Subdivision Code is the secondary code of the Country Of Origin and must be a subdivision of a Country Of Origin Country Code. The Country Of Origin Subdivision Code describes the "geopolitical subdivision of a country" where the trade item is produced for sale, as determined by the information provider. For example, "State" in the US, "Land" in Germany, "Region" in France, or "Province" in Canada. Not all countries	AVP MANUFACTURING, HANDLING, & DELIVERY

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								have subdivisions.	
countryOfSettleme nt	Country Of Settlement	countryOfSettleme nt	AVP877	O	String	1/3	0 to 1	Country where the invoice is getting paid. Used only if Invoice Unit Indicator = true. Choose 3-character code from Target Market list.	AVP PRICE, TAX, & PAYMENT
dailyValueIntakePe rcentMeasurement PrecisionCode	Daily Value Intake Percent Measurement Precision Code	dailyValueIntakePe rcentMeasurement PrecisionCode	AVP973	O	string	1/75	0..1	Code indicating whether the specified nutrient content for the Daily Value Intake % is exact or approximate or less than.	AVP FOOD & BEVERAGE
dailyValueIntakePe rcentNutrientRefer ence	Daily Value Intake Percent Nutrient Reference	dailyValueIntakePe rcentNutrientRefer ence	AVP974	O	string	1/75	0..1	Temporary AVP to specify which nutrient the measurement precision code for the daily value intake % refers to. Needed until MjR 3	AVP FOOD & BEVERAGE
dBSAccessoryType	DBS Accessory Type	dBSAccessoryType	AVP214	O	String	1/70	0 to 1	Indicates the product's DBS Accessory Type.	AVP ELECTRONICS & APPLIANCES
departementActivit e	Departement Activite	departementActivit e	AVP868	O	String	1/11	0 to 1	This attribute is representative of a manufacturer portfolio segmentation, made by the supplier, for grouping products that follow the same Pricing conditions at level 2; each of those segments are given 1 unique code by Cora Belgium that	AVP BELGIUM

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								will be used by Cora Belgium to retrieve the pricing structure of a new synchronised product. This code is communicated by Cora Belgium to the manufacturer when a contract gets agreed by both parties. It is the responsibility of the manufacturer to decide to which pre-defined segment a new product belongs. For instance, a manufacturer selling both frozen and unfrozen foods can decide to have different pricing structures for those 2 sectors, so that each sector would require a specific code. It is the responsibility of the manufacturer, owner of his data products, to decide to which sector a new product will be assigned; and by transmitting the associated code he lets the retailer know which pricing structure is employed.	
digitalDownloadSof	Digital Download	digitalDownloadSof	AVP215	O	String	1/70	0 to 5	Identifies the product's compatible download	AVP ELECTRONICS &

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
twareCompatibility	Software Compatibility	twareCompatibility						company.	APPLIANCES
directionalAirFlowControl	Directional Air Flow Control	directionalAirFlowControl	AVP741	O	String	1/70	0 to 1	Indicates whether or not the product has a control to allow which direction the air flows (No, Yes - Single Direction, Yes - Multi Direction).	AVP ELECTRONICS & APPLIANCES
dishwasherRackType	Dishwasher Rack Type	dishwasherRackType	AVP216	O	String	1/70	0 to 2	Indicates the type of rack(s) included in the dishwasher.	AVP ELECTRONICS & APPLIANCES
displayIndicatorType	Display Indicator Type	displayIndicatorType	AVP217	O	String	1/70	0 to 5	Identifies the type of on screen indicators the product has.	AVP ELECTRONICS & APPLIANCES
displayScreenSize	Display/Screen Size	displayScreenSize	AVP219	O	Decimal	1/9,9	0 to 1	Describes the viewable display/screen size of the product. Includes small screen products, includes cameras, etc.	AVP ELECTRONICS & APPLIANCES
displayScreenSizeUOM	Display/Screen Size UOM	displayScreenSizeUOM	AVP220	O	String	1/70	0 to 1	The unit of measurement associated with Display/Screen Size.	AVP ELECTRONICS & APPLIANCES
displayScreenType	Display Screen Type	displayScreenType	AVP218	O	String	1/70	0 to 3	Describes the type of display the product projects.	AVP ELECTRONICS & APPLIANCES
displayTypeList	Display Type List	displayTypeList	AVP728	O	String	1/70	0 to 100	An indication of if the item is a display unit or not. Acceptable values for this are found in the	AVP PRODUCT DESCRIPTION & ALTERNATES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								PerformanceRequirementsOptionsCodeList	
distanceEachPackagingMaterialTraveledToPointOfPackaging	Distance Each Packaging Material Traveled To Point Of Packaging	distanceEachPackagingMaterialTraveledToPointOfPackaging	AVP874	O	String	6/6	0 to 100	The average distance each packaging material travelled from the packaging material supplier to the point where the product and packaging are combined to form the trade item. If there are multiple factories, use the weighted average distance based on the volume from the factories. Supplier will provide the packaging code of each material they have provided for attribute packagingMaterialCode. The codes for the average distance travelled per the code list below: a. (inhouse (0-4miles)) b. (under 500miles or under804k) c. (between 501miles to 3000miles or 805k to 4828k) d. (over 3001miles or 4829k)	AVP PACKAGING
distributorContactAddress	Distributor Contact	distributorContactAddress	AVP975	O	string	1/500	0..1	The address of the Party distributing goods, financial	AVP MARKETING & CONTACT

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
	Address							payments or documents.	INFORMATION
distributorContactName	Distributor Contact Name	distributorContactName	AVP976	O	string	1/200	0..1	The name of the Party distributing goods, financial payments or documents.	AVP MARKETING & CONTACT INFORMATION
doesItemContainControlledSubstance	Does Item Contain Controlled Substance?	doesItemContainControlledSubstance	AVP040	O	Boolean		0 to 1	Indicates whether the item contains substances that are regulated under law as narcotics, stimulants, depressants, hallucinogens, anabolic steroids, and chemicals used in the illicit production of controlled substances.	AVP HAZMAT & CONTROLLED SUBSTANCE
doesTradeItemCarryUSDAChildNutritionLabel	doesTradeItemCarryUSDAChildNutritionLabel	Does Trade Item Carry USDA Child Nutrition Label?	AVP941	O	String	1/60	0 to 1	An indication that the trade item carries a USDA approved Child Nutrition Label. The USDA Child Nutrition (CN) Labeling Program provides food manufacturers the option to include a standardized food crediting statement on their product label. Labels must be approved by USDA, FNS prior to use and manufacturers must have quality control procedures and inspection oversight that meet the FNS requirements. Products	AVP Food & Beverage

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								produced in accordance with the CN Labeling Program are generally purchased by foodservice providers for FNS meal programs. http://www.fns.usda.gov/cnd /cnlabeling/default.htm	
doesTradeItemCon formtoCERegulatio n	Does Trade Item Conform to CE Regulation	doesTradeItemCon formtoCERegulatio n	AVP977	O	boolean		0..1	The CE marking as it has been legally called since 1993	AVP PACKAGING
doesTradeItemCon formtoEMarkRegula tion	Does Trade Item Conform to E Mark Regulation	doesTradeItemCon formtoEMarkRegula tion	AVP978	O	string	1/10	0..1	The Estimated Sign (e) (also referred to as "e-mark") is a mark that sometimes can be found on pre-packed goods in Europe.	AVP PACKAGING
dotPitch	Dot Pitch	dotPitch	AVP222	O	Decimal	1/9,9	0 to 1	Indicates the dot pitch of the product. Dot Pitch is the measure of the size of a pixel plus the distance between the pixels. Measured in mm (Millimeters).	AVP ELECTRONICS & APPLIANCES
dotsPerInch	Dots Per Inch	dotsPerInch	AVP223	O	String	1/70	0 to 1	Indicates the concentration of pixels in a square inch on the printed page.	AVP ELECTRONICS & APPLIANCES
dryCleaningSetting Type	Dry Cleaning Setting Type	dryCleaningSetting Type	AVP224	O	String	1/70	0 to 1	Indicates the type of dry cleaning setting the product	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								includes.	
drySystemType	Dry System Type	drySystemType	AVP225	O	String	1/70	0 to 3	Indicates the type of drying system the product includes.	AVP ELECTRONICS & APPLIANCES
dvdCapacity	DVD Capacity	dvdCapacity	AVP227	O	Integer	1/4	0 to 1	Indicates the number of DVD's the player can hold at maximum.	AVP ELECTRONICS & APPLIANCES
dvInputLocation	DV Input Location	dvInputLocation	AVP226	O	String	1/70	0 to 2	Indicates the location of the DV input on this product if it has one.	AVP ELECTRONICS & APPLIANCES
earPieceStyle	Ear Piece Style	earPieceStyle	AVP228	O	String	1/70	0 to 1	Describes the headphone piece style.	AVP ELECTRONICS & APPLIANCES
effectiveDate	Validity Date	effectiveDate	S01	O	Date		0 to 1	The date on which the information contents of the master data version are valid. Valid = correct or true. This effec-tive date can be used for initial trade item offering, or to mark a change in the in-formation related to an existing trade item. This date would mark when these changes take effect.	AVP SINFOS
efficiencyPercent	Efficiency Percent	efficiencyPercent	AVP229	O	Decimal	1/7,7	0 to 1	Indicates the efficiency or sensitivity of the product.	AVP ELECTRONICS & APPLIANCES
energyEfficiencyRa ting	Energy Efficiency	energyEfficiencyRa ting	AVP230	O	Decimal	1/7,7	0 to 1	Indicates the Energy Efficiency Rating of the	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
	Rating							product.	
ePeatQualifiedLevel	EPEAT Qualified Level	ePeatQualifiedLevel	AVP894	O	String	1/70	0 to 1	Indicates the level of EPEAT energy savings qualifications that the product has. Examples: Gold, Silver, Bronze, Not Qualified, Not Applicable.	AVP ELECTRONICS & APPLIANCES
estimatedSalesRev enue	Estimated Sales Revenue	estimatedSalesRev enue	AVP075	O	Integer	1/150	0 to 100	The vendor forecasted sales in a given currency over a given time period.	AVP ORDERING & SELLING
estimatedSalesRev enueCurrency	Estimated Sales Revenue Currency	estimatedSalesRev enueCurrency	AVP076	O	String	1/60	0 to 100	The currency code associated with the estimated sales revenue.	AVP ORDERING & SELLING
estimatedVolumeQ uantity	Estimated Volume Quantity	estimatedVolumeQ uantity	AVP074	O	Integer	1/30	0 to 100	The estimated demand quantity for an item over a given time period.	AVP MEASURES
estimatedVolumeTi mePeriod	Estimated Volume Time Period	estimatedVolumeTi mePeriod	AVP077	O	Integer	1/10	0 to 100	The duration (year, months, weeks, days) associated with the estimated sales volume.	AVP MEASURES
estimatedVolumeTi mePeriodUnitOfMe asure	Estimated Volume Time Period Unit Of Measure	estimatedVolumeTi mePeriodUnitOfMe asure	AVP078	O	String	1/3	0 to 100	The Unit of Measure associated with Estimated Volume Time Period.	AVP MEASURES
estimatedVolumeU nitOfMeasure	Estimated Volume Unit Of Measure	estimatedVolumeU nitOfMeasure	AVP073	O	String	1/3	0 to 100	Unit of Measure associated with Estimated Volume Quantity.	AVP MEASURES

Note: "GDSN CIN AVP Extension Attribute Map" spans the table header row.

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
exporterContactAddress	Exporter Contact Address	exporterContactAddress	AVP979	O	string	1/500	0..1	The address of the Party who makes - or on whose behalf a Customs clearing agent or other authorized person makes - an export declaration.	AVP MARKETING & CONTACT INFORMATION
exporterContactName	Exporter Contact Name	exporterContactName	AVP980	O	string	1/200	0..1	The name of the Party who makes - or on whose behalf a Customs clearing agent or other authorized person makes - an export declaration.	AVP MARKETING & CONTACT INFORMATION
extendedClassComplianceRegulationCode	Extended Class Compliance Regulation Code	extendedClassComplianceRegulationCode	AVP981	O	string	1/75	0..Many	Extension on the attribute code that indicates that a trade item is in compliance with specific applicable government	AVP PACKAGING
exteriorFinish	Exterior Finish	exteriorFinish	AVP231	O	String	1/70	0 to 2	Describes the exterior finish of the product.	AVP ELECTRONICS & APPLIANCES
externalMP3Controls	External MP3 Controls?	externalMP3Controls	AVP232	O	Boolean		0 to 1	Indicates whether or not the product has external MP3 player controls.	AVP ELECTRONICS & APPLIANCES
faceplateStyle	Faceplate Style	faceplateStyle	AVP233	O	String	1/70	0 to 1	Describes the faceplate style of the product.	AVP ELECTRONICS & APPLIANCES
featuredCycleTypes	Featured Cycle Types	featuredCycleTypes	AVP934	O	String	1/70	0 to 10	What featured cycle types does the product have?	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
fileFormats	File Formats	fileFormats	AVP771	O	String	1/70	0 to 10	Describes the types of files the product supports.	AVP ELECTRONICS & APPLIANCES
filmColor	Film Color	filmColor	AVP234	O	String	1/70	0 to 1	Indicates whether the film is black and white, or color.	AVP ELECTRONICS & APPLIANCES
filmSpeed	Film Speed	filmSpeed	AVP235	O	Integer	1/4	0 to 1	Indicates the film speed.	AVP ELECTRONICS & APPLIANCES
filterThreadSize	Filter Thread Size	filterThreadSize	AVP236	O	Integer	1/4	0 to 1	Indicates the size of the filter that is to be applied to the product.	AVP ELECTRONICS & APPLIANCES
filterThreadSizeUO M	Filter Thread Size UOM	filterThreadSizeUO M	AVP237	O	String	1/70	0 to 1	The unit of measurement associated with Thread Size.	AVP ELECTRONICS & APPLIANCES
filtrationTechnolog yType	Filtration Technology Type	filtrationTechnolog yType	AVP238	O	String	1/70	0 to 7	Describes the level of air cleaning the filter system contains.	AVP ELECTRONICS & APPLIANCES
flavorOrScent	Flavor Or Scent	flavorOrScent	AVP014	O	String	1/35	0 to 100	Free String field used to identify the fragrance or taste of the product. flavorOrScent is a distinguishing characteristic that differentiates products with the same brand and size For example, mint vs. fruit bubblegum.	AVP PRODUCT DESCRIPTION & ALTERNATES
flavorOrScentLang uage	Flavor Or Scent Language	flavorOrScentLang uage	AVP015	O	String	1/60	0 to 100	Language value used to describe flavorOrScent.	AVP PRODUCT DESCRIPTION & ALTERNATES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
fMModulator	FM Modulator?	fMModulator	AVP239	O	Boolean		0 to 1	Indicates whether or not the product has an FM Modulator capability.	AVP ELECTRONICS & APPLIANCES
foodCompositionAgencyNameCode	foodCompositionAgencyNameCode	foodCompositionAgencyNameCode	AVP959	O	String	1/70	0 or 1	The Localized nutrient agency that are needed for regulatory claims withing target markets. These agencies each have a database local for their market,. Populate with "USDA" for known menu components.	AVP FOOD & BEVERAGE
foodCompositionCode	foodCompositionCode	foodCompositionCode	AVP960	O	String	1/70	0 or More	A value assigned by the agency for the lookup of nutrient information that applies to regulatory nutrient information	AVP FOOD & BEVERAGE
forecastedRetailerFirstWeekUnitSales	Forecasted Retailer First Week Unit Sales	forecastedRetailerFirstWeekUnitSales	AVP240	O	Integer	1/8	0 to 1	Forecasted number of units to be sold nationally from retailer in first week of release.	AVP ELECTRONICS & APPLIANCES
forecastedUSOrderUnits	Forecasted US Order Units	forecastedUSOrderUnits	AVP241	O	Integer	1/8	0 to 1	Forecasted number of units to be purchased nationally.	AVP ELECTRONICS & APPLIANCES
forecastedUSSalesUnits	Forecasted US Sales Units	forecastedUSSalesUnits	AVP242	O	Integer	1/8	0 to 1	Forecasted number of units to be sold nationally in first week of release.	AVP ELECTRONICS & APPLIANCES
frameSize	Frame Size	frameSize	AVP243	O	String	1/70	0 to 1	Indicates the size of the	AVP ELECTRONICS &

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								picture that the album or frame can hold.	APPLIANCES
frequencyResponse High	Frequency Response High	frequencyResponse High	AVP826	O	String	1/70	0 to 1	Indicates the measure of any system's High response at the output to a signal of varying frequency (but constant amplitude) at its input. Example: 245Hz.	AVP ELECTRONICS & APPLIANCES
frequencyResponse Low	Frequency Response Low	frequencyResponse Low	AVP827	O	String	1/70	0 to 1	Indicates the measure of any system's Low response at the output to a signal of varying frequency (but constant amplitude) at its input. Example: 245Hz.	AVP ELECTRONICS & APPLIANCES
frequencyResponse Variance	Frequency Response Variance	frequencyResponse Variance	AVP828	O	String	1/70	0 to 2	Indicates the Upper and Lower Decibal Tolerance for the products ability to produce sounds in the Frequency Response Range, measured in Decibals. Examples: -10, 0, +7.	AVP ELECTRONICS & APPLIANCES
fuelType	Fuel Type	fuelType	AVP245	O	String	1/70	0 to 2	Indicates the type of fuel consumed to operate the unit.	AVP ELECTRONICS & APPLIANCES
furniturePrimaryCol or	Furniture Primary Color	furniturePrimaryCol or	AVP246	O	String	1/70	0 to 1	Describes the dominant color of the product.	AVP ELECTRONICS & APPLIANCES
furnitureSecondary	Furniture	furnitureSecondary	AVP247	O	String	1/70	0 to 1	Describes the second most	AVP ELECTRONICS &

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
Color	Secondary Color	Color						dominant color of the product.	APPLIANCES
furnitureStyle	Furniture Style	furnitureStyle	AVP248	O	String	1/70	0 to 2	Describes the style of the furniture.	AVP ELECTRONICS & APPLIANCES
gamingChairStyle	Gaming Chair Style	gamingChairStyle	AVP249	O	String	1/70	0 to 3	Indicates the style of gaming chair the product is.	AVP ELECTRONICS & APPLIANCES
gamingPeripheralT ype	Gaming Peripheral Type	gamingPeripheralT ype	AVP778	O	String	1/70	0 to 3	Describes the product's type of gaming accessory.	AVP ELECTRONICS & APPLIANCES
glassDoorStyle	Glass Door Style	glassDoorStyle	AVP250	O	String	1/70	0 to 1	Indicates whether the glass on the furniture has special coloring.	AVP ELECTRONICS & APPLIANCES
gMDNCode	GMDN (Global Medical Device Nomenclature) Code	gMDNCode	AUS012	O	integer	1/5	0..1	A comprehensive system of internationally recognised coded descriptors used to generically identify medical devices and related health care products.	AVP Australian Healthcare
gMDNCode	HIBC (Health Industry Bar Code) Code	gMDNCode	AUS012	O	integer	1/5	0..1	A comprehensive system of internationally recognised coded descriptors used to generically identify medical devices and related health care products.	AVP Australian Healthcare
graphics	Graphics	graphics	MCD011	O	string	1/30	0..1	Describes the graphics on the item. Required if	AVP McDonald's

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								graphics are used.	
groupeTarifaire	Groupe Tarifaire	groupeTarifaire	AVP869	O	String	1/11	0 to 1	This attribute is representative of a manufacturer portfolio segmentation, made by the supplier, for grouping products that follow the same Pricing conditions at level 1; each of those segments are given 1 unique code by Cora Belgium that will be used by Cora Belgium to retrieve the pricing structure of a new synchronised product. This code is communicated by Cora Belgium to the manufacturer when a contract gets agreed by both parties. It is the responsibility of the manufacturer to decide to which pre-defined segment a new product belongs. For instance, a manufacturer selling both frozen and unfrozen foods can decide to have different pricing structures for those 2 sectors, so that each sector would require a specific code.	AVP BELGIUM

The header row "GDSN CIN AVP Extension Attribute Map" spans the table.

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
									GDSN CIN AVP Extension Attribute Map
								It is the responsibility of the manufacturer, owner of his data products, to decide to which sector a new product will be assigned; and by transmitting the associated code he lets the retailer know which pricing structure is employed.	
gSTFreeOnlyToEnd Consumer	GST Free Only To End Consumer	gSTFreeOnlyToEnd Consumer	AVP849	O	Boolean		0 to 1	Identifies that goods are GST free ONLY to the end consumer (as opposed to throughout the supply chain).	AVP AUSTRALIA
gTINOfBaseUnit	GTIN Of Base Unit	gTINOfBaseUnit	AVP850	O	String	14/14	0 to 10	A reference to the GTIN of the lowest level of product contained within this product's family hierarchy.	AVP AUSTRALIA
guitarType	Guitar Type	guitarType	AVP251	O	String	1/70	0 to 1	Indicates the type of guitar.	AVP ELECTRONICS & APPLIANCES
handlingInstruction sDescriptionLangua ge	Handling Instructions Description Language	handlingInstruction sDescriptionLangua ge	AVP724	O	String	1/5	0 to 100	Language in, which the handling instructions are expressed.	AVP MANUFACTURING, HANDLING, & DELIVERY
hardDriveSize	Hard Drive Size	hardDriveSize	AVP252	O	Decimal	1/7,7	0 to 1	Describes the hard drive that is included in the product.	AVP ELECTRONICS & APPLIANCES
hardDriveSizeUOM	Hard Drive	hardDriveSizeUOM	AVP253	O	String	1/70	0 to 1	The unit of measurement	AVP ELECTRONICS &

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
	Size UOM							associated with Hard Drive Size.	APPLIANCES
has360DegreePeri meter	Has 360 Degree Perimeter?	has360DegreePeri meter	AVP254	O	Boolean		0 to 1	Indicates whether of not the radar detector senses signals in a perimeter of 360 degrees.	AVP ELECTRONICS & APPLIANCES
has8PointDigitalCo mpass	Has 8-point Digital Compass?	has8PointDigitalCo mpass	AVP255	O	Boolean		0 to 1	Indicates whether or not the product has an 8-point digital compass (including N, S, E, W, NW, NE, SW, SE).	AVP ELECTRONICS & APPLIANCES
hasACDCAdapterIn cluded	Has AC/DC Adapter Included?	hasACDCAdapterIn cluded	AVP256	O	Boolean		0 to 1	Indicates whether or not the product includes an AC/DC adapter.	AVP ELECTRONICS & APPLIANCES
hasAdditionalBatter iesIncluded	Has Additional Batteries Included?	hasAdditionalBatter iesIncluded	AVP257	O	Boolean		0 to 1	Indicates whether or not additional batteries are included with the product.	AVP ELECTRONICS & APPLIANCES
hasAdditionalStora ge	Has Additional Storage?	hasAdditionalStora ge	AVP258	O	Boolean		0 to 1	Indicates whether or not the product has additional storage beyond TV and components.	AVP ELECTRONICS & APPLIANCES
hasAdjustableArms	Has Adjustable Arms?	hasAdjustableArms	AVP259	O	Boolean		0 to 1	Indicates whether or not the product has adjustable arms.	AVP ELECTRONICS & APPLIANCES
hasAlarm	Has Alarm?	hasAlarm	AVP260	O	Boolean		0 to 1	Indicates whether or not the product has an alarm.	AVP ELECTRONICS & APPLIANCES
hasAnsweringSyste	Has Answering	hasAnsweringSyste	AVP261	O	String	1/70	0 to 1	Indicates whether or not the product has an answering	AVP ELECTRONICS &

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
							GDSN CIN AVP Extension Attribute Map		
m	System?	m						machine.	APPLIANCES
hasAspectRatioControl	Has Aspect Ratio Control?	hasAspectRatioControl	AVP262	O	Boolean		0 to 1	Indicates whether or not the product has aspect ratio control.	AVP ELECTRONICS & APPLIANCES
hasATSCTuner	Has ATSC Tuner?	hasATSCTuner	AVP263	O	Boolean		0 to 1	Indicates whether or not the TV has a built in ATSC Tuner. ATSC Tuner allows reception of digital television (DTV) signals broadcast over-the-air by TV stations in North America without the need for an additional receiver.	AVP ELECTRONICS & APPLIANCES
hasAutoDateTimeStamp	Has Auto Date Time Stamp?	hasAutoDateTimeStamp	AVP264	O	Boolean		0 to 1	Indicates whether or not the product has a Date and time stamp.	AVP ELECTRONICS & APPLIANCES
hasAutoDefrost	Has Auto Defrost?	hasAutoDefrost	AVP742	O	Boolean		0 to 1	Indicates whether or not the product automatically defrosts itself.	AVP ELECTRONICS & APPLIANCES
hasAutoFocus	Has Auto Focus?	hasAutoFocus	AVP265	O	Boolean		0 to 1	Indicates whether or not the product has auto focus.	AVP ELECTRONICS & APPLIANCES
hasAutomaticFilmPrewind	Has Automatic Film Prewind?	hasAutomaticFilmPrewind	AVP269	O	Boolean		0 to 1	Indicates whether or not the product has automatic film prewind.	AVP ELECTRONICS & APPLIANCES
hasAutomaticTemperatureControl	Has Automatic Temperature Control?	hasAutomaticTemperatureControl	AVP270	O	Boolean		0 to 1	Indicates whether or not the product has automatic temperature control. Pick your cycle and it sets the	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
								right temps.	
hasAutoOscillation	Has Auto Oscillation?	hasAutoOscillation	AVP743	O	Boolean		0 to 1	Indicates whether or not product automatically changes direction of air flow.	AVP ELECTRONICS & APPLIANCES
hasAutoReroute	Has Auto Re-route?	hasAutoReroute	AVP266	O	Boolean		0 to 1	Indicates whether or not the product has auto re-route, alternate path for GPS.	AVP ELECTRONICS & APPLIANCES
hasAutoReverse	Has Auto Reverse?	hasAutoReverse	AVP267	O	Boolean		0 to 1	Indicates whether or not the product has auto reverse.	AVP ELECTRONICS & APPLIANCES
hasAutoShutoff	Has Auto Shutoff?	hasAutoShutoff	AVP268	O	Boolean		0 to 1	Indicates whether or not the product has an auto shutoff in case the user forgets to manually shut off the product off.	AVP ELECTRONICS & APPLIANCES
hasAuxInput	Has Aux Input?	hasAuxInput	AVP271	O	Boolean		0 to 1	Indicates whether or not the product has auxiliary inputs.	AVP ELECTRONICS & APPLIANCES
hasBacklitKeys	Has Backlit Keys?	hasBacklitKeys	AVP272	O	Boolean		0 to 1	Indicates whether or not the product has keys that are lit from behind the keys.	AVP ELECTRONICS & APPLIANCES
hasBatteryBackup	Has Battery Backup?	hasBatteryBackup	AVP273	O	Boolean		0 to 1	Indicates whether or not the product has a battery backup.	AVP ELECTRONICS & APPLIANCES
hasBatteryIncluded	Has Battery Included?	hasBatteryIncluded	AVP274	O	Boolean		0 to 1	Indicates whether or not a battery is included with the product.	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
hasBroilerFeature	Has Broiler Feature?	hasBroilerFeature	AVP275	O	Boolean		0 to 1	Indicates whether or not the product has a broiler feature.	AVP ELECTRONICS & APPLIANCES
hasBucketFullIndicator	Has Bucket Full Indicator?	hasBucketFullIndicator	AVP744	O	Boolean		0 to 1	Indicates whether or not the product has a warning light that tells you the drain bucket is full.	AVP ELECTRONICS & APPLIANCES
hasBuiltIn2WayRadio	Has Built-in 2-way Radio?	hasBuiltIn2WayRadio	AVP276	O	Boolean		0 to 1	Indicates whether or not the product has built-in 2-way radio capabilities.	AVP ELECTRONICS & APPLIANCES
hasBuiltInAmplifier	Has Built-in Amplifier?	hasBuiltInAmplifier	AVP277	O	Boolean		0 to 1	Indicates whether or not the product has a built-in amplifier.	AVP ELECTRONICS & APPLIANCES
hasBuiltInBattery	Has Built In Battery?	hasBuiltInBattery	AVP829	O	Boolean		0 to 1	Indicates whether the Product has a Built in Battery rather than Replaceable Battery.	AVP ELECTRONICS & APPLIANCES
hasBuiltInHandle	Has Built-in Handle?	hasBuiltInHandle	AVP745	O	Boolean		0 to 1	Indicates whether or not the product has a built-in handle for easy portability.	AVP ELECTRONICS & APPLIANCES
hasBuiltInHDTuner	Has Built-in HD Tuner?	hasBuiltInHDTuner	AVP278	O	Boolean		0 to 1	Indicates whether or not the product has a built-in HD tuner.	AVP ELECTRONICS & APPLIANCES
hasBuiltInIceMaker	Has Built-in Ice Maker?	hasBuiltInIceMaker	AVP279	O	Boolean		0 to 1	Indicates whether or not the product includes a built-in ice maker.	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
hasBuiltInMicrophone	Has Built-in Microphone?	hasBuiltInMicrophone	AVP280	O	Boolean		0 to 1	Indicates whether or not the product has a built-in microphone.	AVP ELECTRONICS & APPLIANCES
hasBuiltInNTSCTuner	Has Built-in NTSC Tuner?	hasBuiltInNTSCTuner	AVP281	O	Boolean		0 to 1	Indicates whether or not the product has a built-in NTSC tuner. NTSC stands for national television systems committee. This is your basic cable type non-digital analog.	AVP ELECTRONICS & APPLIANCES
hasCableManagement	Has Cable Management?	hasCableManagement	AVP282	O	Boolean		0 to 1	Indicates whether or not the product includes accessories that are used to arrange and organize your cables.	AVP ELECTRONICS & APPLIANCES
hasCablesIncluded	Has Cables Included?	hasCablesIncluded	AVP283	O	Boolean		0 to 1	Indicates whether or not the product comes with cables.	AVP ELECTRONICS & APPLIANCES
hasCameraDockIncluded	Has Camera Dock Included?	hasCameraDockIncluded	AVP284	O	Boolean		0 to 1	Indicates whether or not the product comes with a camera dock.	AVP ELECTRONICS & APPLIANCES
hasCancelButton	Has Cancel Button?	hasCancelButton	AVP285	O	Boolean		0 to 1	Indicates whether or not the product has a cancel button.	AVP ELECTRONICS & APPLIANCES
hasCarAdapter	Has Car Adapter?	hasCarAdapter	AVP286	O	Boolean		0 to 1	Indicates whether or not the product has a car adapter.	AVP ELECTRONICS & APPLIANCES
hasCarConnection	Has Car Connection?	hasCarConnection	AVP287	O	Boolean		0 to 1	Indicates whether or not the TV can be plugged in inside a car.	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map								
hasCDChangerControl	Has CD Changer Control?	hasCDChangerControl	AVP288	O	Boolean		0 to 1	Indicates whether or not the product has CD changer controls.	AVP ELECTRONICS & APPLIANCES
hasCdStringDisplay	Has CD String Display?	hasCDSynchronizationRecording	AVP290	O	Boolean		0 to 1	Indicates whether or not the product has a CD String display.	AVP ELECTRONICS & APPLIANCES
hasCDSynchronizationRecording	Has CD Synchronization Recording?	hasCdTextDisplay	AVP289	O	Boolean		0 to 1	Indicates whether or not the product has the ability to synchronize recording with CD and tape.	AVP ELECTRONICS & APPLIANCES
hasCenterChannelInput	Has Center Channel Input?	hasCenterChannelInput	AVP291	O	Boolean		0 to 1	Indicates whether or not the product can be used as a center channel, and has an input for it.	AVP ELECTRONICS & APPLIANCES
hasChangeFilterIndicator	Has Change Filter Indicator?	hasChangeFilterIndicator	AVP746	O	String	1/70	0 to 1	Indicates whether or not the product has a warning light for the filter (No, Yes, Dual).	AVP ELECTRONICS & APPLIANCES
hasChildSafetyLock	Has Child Safety Lock?	hasChildSafetyLock	AVP931	O	Boolean		0 to 1	Does the product have a Child Safety Lock?	AVP ELECTRONICS & APPLIANCES
hasCityHighwaySwitch	Has City Highway Switch?	hasCityHighwaySwitch	AVP292	O	Boolean		0 to 1	Indicates whether or not the product has a city/highway switch.	AVP ELECTRONICS & APPLIANCES
hasClock	Has Clock?	hasClock	AVP293	O	Boolean		0 to 1	Indicates whether or not the product has a clock.	AVP ELECTRONICS & APPLIANCES
hasColorViewfinder	Has Color	hasColorViewfinder	AVP294	O	Boolean		0 to 1	Indicates whether or not the	AVP ELECTRONICS &

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
	Viewfinder?							viewfinder is color.	APPLIANCES
hasCompass	Has Compass?	hasCompass	AVP295	O	Boolean		0 to 1	Indicates whether or not the product has a built-in compass.	AVP ELECTRONICS & APPLIANCES
hasContinuousRun Mode	Has Continuous Run Mode?	hasContinuousRun Mode	AVP747	O	Boolean		0 to 1	Indicates whether or not the product has a mode where it can continue to run the fan even when not removing moisture.	AVP ELECTRONICS & APPLIANCES
hasCoolTouchExteri or	Has Cool Touch Exterior?	hasCoolTouchExteri or	AVP296	O	Boolean		0 to 1	Indicates whether or not the product has an exterior that is cool to the touch when the product is in use.	AVP ELECTRONICS & APPLIANCES
hasCrumbTray	Has Crumb Tray?	hasCrumbTray	AVP297	O	Boolean		0 to 1	Indicates whether or not the product has a crumb tray.	AVP ELECTRONICS & APPLIANCES
hasDarknessContro l	Has Darkness Control?	hasDarknessContro l	AVP298	O	Boolean		0 to 1	Indicates whether or not the product has a control to change the level of darkness.	AVP ELECTRONICS & APPLIANCES
hasDepthOfFieldPr eviewButton	Has Depth Of Field Preview Button?	hasDepthOfFieldPre viewButton	AVP300	O	Boolean		0 to 1	Indicates whether or not the product has a depth of field preview button. Depth of field is the ability to focus on objects of multiple distances at the same time, making the picture in total focus.	AVP ELECTRONICS & APPLIANCES
hasDesktopCharger	Has Desktop Charger	hasDesktopCharger	AVP301	O	Boolean		0 to 1	Indicates whether or not the two-way radios come with a	AVP ELECTRONICS &

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
									GDSN CIN AVP Extension Attribute Map
Included	Included?	Included						desktop charger.	APPLIANCES
hasDetachableSpea kers	Has Detachable Speakers?	hasDetachableSpea kers	AVP748	O	Boolean		0 to 1	Indicates whether or not the product has speakers that can separate from the main unit.	AVP ELECTRONICS & APPLIANCES
hasDigitalOutput	Has Digital Output?	hasDigitalOutput	AVP302	O	Boolean		0 to 1	Indicates whether or not the product has a digital output.	AVP ELECTRONICS & APPLIANCES
hasDigitalZoom	Has Digital Zoom?	hasDigitalZoom	AVP303	O	Boolean		0 to 1	Indicates whether or not the product has a digital zoom.	AVP ELECTRONICS & APPLIANCES
hasDiscExchange	Has Disc Exchange?	hasDiscExchange	AVP304	O	Boolean		0 to 1	Indicates whether or not the product has disk exchange, which changes a disc while it is playing another.	AVP ELECTRONICS & APPLIANCES
hasDisplayBrightne ssControl	Has Display Brightness Control?	hasDisplayBrightne ssControl	AVP305	O	Boolean		0 to 1	Indicates whether or not the product has a brightness control for the display.	AVP ELECTRONICS & APPLIANCES
hasDolbyBCNoiseR eduction	Has Dolby BC Noise Reduction?	hasDolbyBCNoiseR eduction	AVP306	O	Boolean		0 to 1	Indicates whether or not the product has Dolby noise reduction.	AVP ELECTRONICS & APPLIANCES
hasDownloadableRi ngtones	Has Downloadable Ringtones?	hasDownloadableRi ngtones	AVP308	O	Boolean		0 to 1	Indicates whether or not you can download ring tones on the product.	AVP ELECTRONICS & APPLIANCES
hasDrumLight	Has Drum Light?	hasDrumLight	AVP309	O	Boolean		0 to 1	Indicates whether or not the product has a drum light, light inside the unit.	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
hasDryerRackIncluded	Has Dryer Rack Included?	hasDryerRackIncluded	AVP310	O	Boolean		0 to 1	Indicates whether or not a dryer rack is included with the product.	AVP ELECTRONICS & APPLIANCES
hasDualStageShockSensor	Has Dual Stage Shock Sensor?	hasDualStageShockSensor	AVP311	O	Boolean		0 to 1	Indicates whether or not the product has a dual stage shock sensor. Alarm for cars sensitivity.	AVP ELECTRONICS & APPLIANCES
hasDualVoiceCoils	Has Dual Voice Coils?	hasDualVoiceCoils	AVP312	O	Boolean		0 to 1	Indicates whether or not the product has dual voice coils. The key difference between single and dual voice coil subwoofers is the multiple wiring options DVC subs offer.	AVP ELECTRONICS & APPLIANCES
hasDVIConnection	Has DVI Connection?	hasDVIConnection	AVP313	O	String	1/70	0 to 1	Indicates whether or not the product has a DVI connection. DVI means Digital Visual Interface.	AVP ELECTRONICS & APPLIANCES
hasDynamicBassBoost	Has Dynamic Bass Boost?	hasDynamicBassBoost	AVP830	O	Boolean		0 to 1	Indicates whether this product has Dynamic Bass Boost Capability.	AVP ELECTRONICS & APPLIANCES
hasEndOfCycleSignal	Has End Of Cycle Signal?	hasEndOfCycleSignal	AVP314	O	Boolean		0 to 1	Indicates whether or not the product has an end of cycle signal.	AVP ELECTRONICS & APPLIANCES
hasExtendedRange	Has Extended Range?	hasExtendedRange	AVP315	O	Boolean		0 to 1	Indicates whether or not the telephone is considered an extended range telephone.	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
hasExtraLargeWindowSize	Has Extra Large Window Size?	hasExtraLargeWindowSize	AVP316	O	Boolean		0 to 1	Indicates whether or not the product has an extra large window.	AVP ELECTRONICS & APPLIANCES
hasEyeStartAutomation	Has Eye Start Automation?	hasEyeStartAutomation	AVP317	O	Boolean		0 to 1	Indicates whether or not the product has eye start automation.	AVP ELECTRONICS & APPLIANCES
hasFilmChamberLock	Has Film Chamber Lock?	hasFilmChamberLock	AVP318	O	Boolean		0 to 1	Indicates whether or not the product has a film chamber lock.	AVP ELECTRONICS & APPLIANCES
hasFingerboard	Has Fingerboard?	hasFingerboard	AVP319	O	Boolean		0 to 1	Indicates whether or not the product has a finger board.	AVP ELECTRONICS & APPLIANCES
hasFlashingParkingLights	Has Flashing Parking Lights?	hasFlashingParkingLights	AVP320	O	Boolean		0 to 1	Indicates whether or not the product has an option to flash parking lights.	AVP ELECTRONICS & APPLIANCES
hasFrontRemovableBucket	Has Front Removable Bucket?	hasFrontRemovableBucket	AVP749	O	Boolean		0 to 1	Indicates whether or not when in bucket discharge operation, the bucket is removed from the front of the unit.	AVP ELECTRONICS & APPLIANCES
hasGlassCarafeIncluded	Has Glass Carafe Included?	hasGlassCarafeIncluded	AVP321	O	Boolean		0 to 1	Indicates whether or not the product comes with a glass carafe.	AVP ELECTRONICS & APPLIANCES
hasGPS	Has GPS?	hasGPS	AVP322	O	Boolean		0 to 1	Indicates whether or not the product has GPS capability. GPS means Global Positioning System and uses satellites and a receiver to	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								provide a global position.	
hasHeavyDutyCons truction	Has Heavy-duty Construction?	hasHeavyDutyCons truction	AVP323	O	Boolean		0 to 1	Indicates whether or not the product is considered to have a heavy-duty construction.	AVP ELECTRONICS & APPLIANCES
hasHeightAdjustme nt	Has Height Adjustment?	hasHeightAdjustme nt	AVP324	O	Boolean		0 to 1	Indicates whether or not the product has a height adjustment capability.	AVP ELECTRONICS & APPLIANCES
hasHighOutputSire n	Has High Output Siren?	hasHighOutputSire n	AVP325	O	Boolean		0 to 1	Indicates whether or not the product has a high output siren.	AVP ELECTRONICS & APPLIANCES
hasHighPassFilter	Has High Pass Filter?	hasHighPassFilter	AVP326	O	Boolean		0 to 1	Indicates whether or not the product has a high pass filter.	AVP ELECTRONICS & APPLIANCES
hasHighSpeedDubb ing	Has High-speed Dubbing?	hasHighSpeedDubb ing	AVP327	O	Boolean		0 to 1	Indicates whether or not the product has high-speed dubbing.	AVP ELECTRONICS & APPLIANCES
hasHomeControl	Has Home Control?	hasHomeControl	AVP328	O	Boolean		0 to 1	Indicates whether or not the product offers home control.	AVP ELECTRONICS & APPLIANCES
hasHumidityControl ledCrisper	Has Humidity-controlled Crisper?	hasHumidityContro lledCrisper	AVP329	O	Boolean		0 to 1	Indicates whether or not the product has a humidity-controlled crisper.	AVP ELECTRONICS & APPLIANCES
hasHumidityLevelC ontrol	Has Humidity Level Control?	hasHumidityLevelC ontrol	AVP779	O	Boolean		0 to 1	Indicates whether or not the product offers a humidity control setting that automatically operates the product, rather than an	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								on/off switch.	
hasIlluminatedEntry	Has Illuminated Entry?	hasIlluminatedEntry	AVP330	O	Boolean		0 to 1	Indicates whether or not the product allows for illuminated entry.	AVP ELECTRONICS & APPLIANCES
hasIPBus	Has IP Bus?	hasIPBus	AVP331	O	Boolean		0 to 1	Indicates whether or not the product has an aux input IP BUS.	AVP ELECTRONICS & APPLIANCES
hasKeyboardAccommodation	Has Keyboard Accommodation?	hasKeyboardAccommodation	AVP333	O	Boolean		0 to 1	Indicates whether or not the product has a place for a keyboard.	AVP ELECTRONICS & APPLIANCES
hasKeylessEntry	Has Keyless Entry?	hasKeylessEntry	AVP334	O	Boolean		0 to 1	Indicates whether or not the product has keyless entry ability.	AVP ELECTRONICS & APPLIANCES
hasLaserDetection	Has Laser Detection?	hasLaserDetection	AVP335	O	Boolean		0 to 1	Indicates whether or not the product has the ability to detect the laser type of radar that police officers use in order to determine speeds of cars at a greater distance with better accuracy than K band radar.	AVP ELECTRONICS & APPLIANCES
hasLightedOnOffSwitch	Has Lighted On Off Switch?	hasLightedOnOffSwitch	AVP336	O	Boolean		0 to 1	Indicates whether or not the product has a lighted on/off switch.	AVP ELECTRONICS & APPLIANCES
hasLimitedLifetimeWarranty	Has Limited Lifetime	hasLimitedLifetimeWarranty	AVP337	O	String	1/70	0 to 1	Indicates whether or not the product offers a limited	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
	Warranty?							lifetime warranty.	
hasLineLevelInput	Has Line Level Input?	hasLineLevelInput	AVP338	O	Boolean		0 to 1	Indicates whether or not the product has a line level input.	AVP ELECTRONICS & APPLIANCES
hasLineOut	Has Line Out?	hasLineOut	AVP339	O	Boolean		0 to 1	Indicates whether or not the product has line out.	AVP ELECTRONICS & APPLIANCES
hasLivePortableFea ture	Has Live Portable Feature?	hasLivePortableFea ture	AVP780	O	Boolean		0 to 1	Indicates whether or not the product has the ability to wear like a cell phone and receive a signal rather than having to dock in another product.	AVP ELECTRONICS & APPLIANCES
hasLowPassFilter	Has Low Pass Filter?	hasLowPassFilter	AVP340	O	Boolean		0 to 1	Indicates whether or not the product has a low pass filter.	AVP ELECTRONICS & APPLIANCES
hasLPTankIncluded	Has LP Tank Included?	hasLPTankIncluded	AVP341	O	Boolean		0 to 1	Indicates whether or not the product comes with a Low Pressure Tank for cooking.	AVP ELECTRONICS & APPLIANCES
hasLumbarSupport	Has Lumbar Support?	hasLumbarSupport	AVP342	O	Boolean		0 to 1	Indicates whether or not the product has lumbar support adjustment.	AVP ELECTRONICS & APPLIANCES
hasMagneticShieldi ng	Has Magnetic Shielding?	hasMagneticShieldi ng	AVP343	O	Boolean		0 to 1	Indicates whether or not the product has magnetic shielding.	AVP ELECTRONICS & APPLIANCES
hasMediaCenterPC TunerAndRemote	Has Media Center PC Tuner And	hasMediaCenterPC TunerAndRemote	AVP781	O	Boolean		0 to 1	Indicates whether or not the product has media center software with a TV tuner to	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
	Remote?							allow user to watch live TV.	
hasMediaViewer	Has Media Viewer?	hasMediaViewer	AVP344	O	Boolean		0 to 1	Indicates whether or not the product has software to view media on, via a memory card.	AVP ELECTRONICS & APPLIANCES
hasMemorySet	Has Memory Set?	hasMemorySet	AVP346	O	Boolean		0 to 1	Indicates whether or not the product has the ability to set in memory, the user preferences on the Radar Detector.	AVP ELECTRONICS & APPLIANCES
hasMinimalBezel	Has Minimal Bezel?	hasMinimalBezel	AVP750	O	Boolean		0 to 1	Indicates whether or not the Bezel around the screen is thin. Bezel refers to the casing around the screen.	AVP ELECTRONICS & APPLIANCES
hasMixingCapabilit y	Has Mixing Capability?	hasMixingCapabilit y	AVP347	O	Boolean		0 to 1	Indicates whether or not the product has musical mixing capabilities.	AVP ELECTRONICS & APPLIANCES
hasMobileVideo	Has Mobile Video?	hasMobileVideo	AVP348	O	Boolean		0 to 1	Indicates whether or not the product would be considered mobile video.	AVP ELECTRONICS & APPLIANCES
hasMonitorIncluded	Has Monitor Included?	hasMonitorIncluded	AVP349	O	Boolean		0 to 1	Indicates whether or not a monitor is included with the product.	AVP ELECTRONICS & APPLIANCES
hasMonitorOutput	Has Monitor Output?	hasMonitorOutput	AVP350	O	Boolean		0 to 1	Indicates whether or not the product has an output for a monitor.	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
hasMountingBracketsIncluded	Has Mounting Brackets Included?	hasMountingBracketsIncluded	AVP351	O	Boolean		0 to 1	Indicates whether or not the product comes with mounting brackets.	AVP ELECTRONICS & APPLIANCES
hasMP3PlayerSoftware	Has MP3 Player Software?	hasMP3PlayerSoftware	AVP772	O	Boolean		0 to 1	Indicates whether or not the product has MP3 playing software installed.	AVP ELECTRONICS & APPLIANCES
hasMulticolorDisplay	Has Multicolor Display?	hasMulticolorDisplay	AVP353	O	Boolean		0 to 1	Indicates whether or not the product has a multi-color display.	AVP ELECTRONICS & APPLIANCES
hasMultiLingualDisplay	Has Multi Lingual Display?	hasMultiLingualDisplay	AVP352	O	Boolean		0 to 1	Indicates whether or not the product has different lingual displays.	AVP ELECTRONICS & APPLIANCES
hasMultimediaKeys	Has Multimedia Keys?	hasMultimediaKeys	AVP354	O	Boolean		0 to 1	Indicates whether or not the product has pre-programmed multimedia keys.	AVP ELECTRONICS & APPLIANCES
hasMultipleAlarms	Has Multiple Alarms?	hasMultipleAlarms	AVP355	O	Boolean		0 to 1	Indicates whether or not the product has more than one alarm.	AVP ELECTRONICS & APPLIANCES
hasMultipleSizeConnectionInserts	Has Multiple Size Connection Inserts?	hasMultipleSizeConnectionInserts	AVP356	O	Boolean		0 to 1	Indicates whether or not the product has multiple size connection inserts included.	AVP ELECTRONICS & APPLIANCES
hasNavigationCapability	Has Navigation Capability?	hasNavigationCapability	AVP357	O	Boolean		0 to 1	Indicates whether or not the portable video unit has navigation capability either via alternate input or by internal programming.	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								Combination with GPS.	
hasNightMode	Has Night Mode?	hasNightMode	AVP358	O	Boolean		0 to 1	Indicates whether or not the product has a night mode.	AVP ELECTRONICS & APPLIANCES
hasNonStickCoating	Has Non-stick Coating?	hasNonStickCoating	AVP359	O	Boolean		0 to 1	Indicates whether or not the product has a non-stick coating.	AVP ELECTRONICS & APPLIANCES
hasOneTouchDubbing	Has One Touch Dubbing?	hasOneTouchDubbing	AVP362	O	Boolean		0 to 1	Indicates whether or not the product has one-touch dubbing.	AVP ELECTRONICS & APPLIANCES
hasOnScreenCallerID	Has On Screen Caller ID?	hasOnScreenCallerID	AVP360	O	Boolean		0 to 1	Indicates whether or not the product displays Caller ID on screen.	AVP ELECTRONICS & APPLIANCES
hasOnScreenClock	Has On Screen Clock?	hasOnScreenClock	AVP361	O	Boolean		0 to 1	Indicates whether or not the product displays a clock on screen.	AVP ELECTRONICS & APPLIANCES
hasOpticalDigitalAudioOutputs	Has Optical Digital Audio Outputs?	hasOpticalDigitalAudioOutputs	AVP363	O	Boolean		0 to 1	Indicates whether or not the product has optical digital audio outputs.	AVP ELECTRONICS & APPLIANCES
hasPalmCapabilities	Has Palm Capabilities?	hasPalmCapabilities	AVP364	O	Boolean		0 to 1	Indicates whether or not the product has palm capabilities.	AVP ELECTRONICS & APPLIANCES
hasParentalControl	Has Parental Control?	hasParentalControl	AVP365	O	Boolean		0 to 1	Indicates whether or not the product has parental controls.	AVP ELECTRONICS & APPLIANCES
hasPauseAndServe	Has Pause And	hasPauseAndServe	AVP366	O	Boolean		0 to 1	Indicates whether or not the	AVP ELECTRONICS &

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
Function	Serve Function?	Function						product has the ability to pause function to serve.	APPLIANCES
hasPCDockingStati on	Has PC Docking Station?	hasPCDockingStati on	AVP367	O	Boolean		0 to 1	Indicates whether or not the product has a PC docking station.	AVP ELECTRONICS & APPLIANCES
hasPCInputs	Has PC Inputs?	hasPCInputs	AVP368	O	Boolean		0 to 1	Indicates whether or not the TV has PC inputs.	AVP ELECTRONICS & APPLIANCES
hasPDAFunctionalit y	Has PDA Functionality?	hasPDAFunctionalit y	AVP370	O	Boolean		0 to 1	Indicates whether or not the product cam also function as a PDA.	AVP ELECTRONICS & APPLIANCES
hasPhaseSwitch	Has Phase Switch?	hasPhaseSwitch	AVP371	O	Boolean		0 to 1	Indicates whether or not the product has a phase switch.	AVP ELECTRONICS & APPLIANCES
hasPhotoRestoratio n	Has Photo Restoration?	hasPhotoRestoratio n	AVP372	O	Boolean		0 to 1	Indicates whether or not the product offers photo restoration.	AVP ELECTRONICS & APPLIANCES
hasPictureInPicture	Has Picture-in-picture?	hasPictureInPicture	AVP373	O	Boolean		0 to 1	Indicates whether or not the product has picture-in-picture capabilities.	AVP ELECTRONICS & APPLIANCES
hasPlexiglassWindo w	Has Plexiglass Window?	hasPlexiglassWindo w	AVP374	O	Boolean		0 to 1	Indicates whether or not the product has a plexi-glass window.	AVP ELECTRONICS & APPLIANCES
hasPopMode	Has Pop Mode?	hasPopMode	AVP375	O	Boolean		0 to 1	Indicates whether or not the product has Pop mode detection. Pop mode helps to identify if the product has the ability to catch a Pop signal	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								that is emitted from police vehicles. Pop is a quick burst of detection that is able to read speeds quickly without alerting radar detectors.	
hasProgressiveScan	Has Progressive Scan?	hasProgressiveScan	AVP376	O	Boolean		0 to 1	Indicates whether or not the product has progressive scan qualities.	AVP ELECTRONICS & APPLIANCES
hasPullOutCase	Has Pull Out Case?	hasPullOutCase	AVP377	O	Boolean		0 to 1	Indicates whether or not the product has an interior case that can be pulled out for easy cleaning.	AVP ELECTRONICS & APPLIANCES
hasPushToTalk	Has Push To Talk?	hasPushToTalk	AVP378	O	Boolean		0 to 1	Indicates whether or not the product has the capability to direct talk without dialing a number.	AVP ELECTRONICS & APPLIANCES
hasQuietOperation	Has Quiet Operation?	hasQuietOperation	AVP751	O	Boolean		0 to 1	Indicates whether or not the product operates at a low level of noise.	AVP ELECTRONICS & APPLIANCES
hasRadioBroadcast Replay	Has Radio Broadcast Replay?	hasRadioBroadcast Replay	AVP782	O	Boolean		0 to 1	Indicates whether or not the product has the ability to replay live radio broadcasts.	AVP ELECTRONICS & APPLIANCES
hasRCAProtectedJa cks	Has RCA Protected Jacks?	hasRCAProtectedJa cks	AVP379	O	Boolean		0 to 1	Indicates whether or not the product has surge protected RCA.	AVP ELECTRONICS & APPLIANCES
hasRechargeableBa	Has Rechargeable	hasRechargeableBa	AVP380	O	Boolean		0 to 1	Indicates whether or not the product has a rechargeable	AVP ELECTRONICS &

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
ttery	Battery?	ttery						battery.	APPLIANCES
hasRecordLevelCon trol	Has Record Level Control?	hasRecordLevelCon trol	AVP381	O	Boolean		0 to 1	Indicates whether or not the product allows the user to adjust the recording volume.	AVP ELECTRONICS & APPLIANCES
hasRemoteStart	Has Remote Start?	hasRemoteStart	AVP382	O	Boolean		0 to 1	Indicates whether or not the product is a remote start product.	AVP ELECTRONICS & APPLIANCES
hasRemoteTrunkRe lease	Has Remote Trunk Release?	hasRemoteTrunkRe lease	AVP383	O	String	1/70	0 to 1	Indicates whether or not the product allows the user to open the trunk from the transmitter.	AVP ELECTRONICS & APPLIANCES
hasRemovableMem ory	Has Removable Memory?	hasRemovableMem ory	AVP384	O	Boolean		0 to 1	Indicates whether or not the product includes removable memory or if instead it is built-in.	AVP ELECTRONICS & APPLIANCES
hasRemovableMicr ophone	Has Removable Microphone?	hasRemovableMicr ophone	AVP385	O	Boolean		0 to 1	Indicates whether or not the product has a removable microphone that will detach from the product.	AVP ELECTRONICS & APPLIANCES
hasRetractableCord	Has Retractable Cord?	hasRetractableCord	AVP386	O	Boolean		0 to 1	Indicates whether or not the product has the ability to store the cord.	AVP ELECTRONICS & APPLIANCES
hasRoomTemperat ureDisplay	Has Room Temperature Display?	hasRoomTemperat ureDisplay	AVP752	O	Boolean		0 to 1	Indicates whether or not the product has a display that has a thermometer on it.	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
hasRoundCavity	Has Round Cavity?	hasRoundCavity	AVP387	O	Boolean		0 to 1	Indicates whether or not the product is round inside or if it instead has corners.	AVP ELECTRONICS & APPLIANCES
hasSafetyWarning	Has Safety Warning?	hasSafetyWarning	AVP388	O	Boolean		0 to 1	Indicates whether or not the product has a safety warning on the packaging.	AVP ELECTRONICS & APPLIANCES
hasSelfTimer	Has Self-timer?	hasSelfTimer	AVP389	O	Boolean		0 to 1	Indicates whether or not the product has a self-timer.	AVP ELECTRONICS & APPLIANCES
hasSensor	Has Sensor?	hasSensor	AVP390	O	Boolean		0 to 1	Indicates whether or not the product has sensor capabilities used for the ability to cook/heat things on its own, without having to set a time to do so.	AVP ELECTRONICS & APPLIANCES
hasSideDischarge	Has Side Discharge?	hasSideDischarge	AVP753	O	Boolean		0 to 1	Indicates whether or not the product has a side discharge for air to flow.	AVP ELECTRONICS & APPLIANCES
hasSleepTimer	Has Sleep Timer?	hasSleepTimer	AVP391	O	Boolean		0 to 1	Indicates whether or not the product has a sleep timer.	AVP ELECTRONICS & APPLIANCES
hasSlideOutChassis	Has Slide Out Chassis?	hasSlideOutChassis	AVP754	O	Boolean		0 to 1	Indicates whether or not the product separates into two pieces for installation; Chassis and Main Unit.	AVP ELECTRONICS & APPLIANCES
hasSmartPower	Has Smart Power?	hasSmartPower	AVP392	O	Boolean		0 to 1	Indicates whether or not the product has a radar detector feature, which shuts off when	AVP ELECTRONICS & APPLIANCES

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								the key ignition is turned off.	
hasSnoozeAlarm	Has Snooze Alarm?	hasSnoozeAlarm	AVP393	O	Boolean		0 to 1	Indicates whether or not the product has a snooze button.	AVP ELECTRONICS & APPLIANCES
hasSoundLeveler	Has Sound Leveler?	hasSoundLeveler	AVP394	O	Boolean		0 to 1	Indicates whether or not the product has sound leveling capabilities. Sound Leveling reduces the spike when switching from your TV show to commercial.	AVP ELECTRONICS & APPLIANCES
hasSoundReductio nPackage	Has Sound Reduction Package?	hasSoundReductio nPackage	AVP395	O	Boolean		0 to 1	Indicates whether or not the product has sound reduction.	AVP ELECTRONICS & APPLIANCES
hasSourceSelect	Has Source Select?	hasSourceSelect	AVP396	O	Boolean		0 to 1	Indicates whether or not the product has a source select option.	AVP ELECTRONICS & APPLIANCES
hasSpeakerCalibrat ion	Has Speaker Calibration?	hasSpeakerCalibrat ion	AVP397	O	String	1/70	0 to 1	Indicates whether or not the product has a calibration feature for speakers.	AVP ELECTRONICS & APPLIANCES
hasSpecialFinishAn dPackaging	Has Special Finish And Packaging?	hasSpecialFinishAn dPackaging	AVP783	O	Boolean		0 to 1	Indicates whether or not the product has any sort of special treatment the computer receives. Attribute added due to the Gateway Platinum Edition and HP Special Edition	AVP ELECTRONICS & APPLIANCES
hasSpeechRecognit	Has Speech	hasSpeechRecognit	AVP895	O	String	1/70	0 to 1	Indicates whether or not the product has Speech	AVP ELECTRONICS &

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
ion	Recognition?	ion						Recognition. Examples: Yes, No.	APPLIANCES
hasStarterDisable	Has Starter Disable?	hasStarterDisable	AVP398	O	Boolean		0 to 1	Indicates whether or not the product has a car starter disabling ability.	AVP ELECTRONICS & APPLIANCES
hasStayClearVents	Has Stay Clear Vents?	hasStayClearVents	AVP399	O	Boolean		0 to 1	Indicates whether or not the product has Stay Clear Vents. Stay Clear Vents are vents with a warning to stay clear of them.	AVP ELECTRONICS & APPLIANCES
hasSteamSystem	Has Steam System?	hasSteamSystem	AVP400	O	Boolean		0 to 1	Indicates whether or not the product has a steam system.	AVP ELECTRONICS & APPLIANCES
hasStereoAudioInputsOutputs	Has Stereo Audio Inputs Outputs?	hasStereoAudioInputsOutputs	AVP401	O	Boolean		0 to 1	Indicates whether or not the product has stereo inputs and outputs.	AVP ELECTRONICS & APPLIANCES
hasStringDisplayIconDisplay	Has String Display Icon Display?	hasSubwoofer	AVP406	O	Boolean		0 to 1	Indicates whether or not the radar detector has a String display.	AVP ELECTRONICS & APPLIANCES
hasStringMessaging	Has String Messaging?	hasSubwooferCrossoverIncluded	AVP407	O	Boolean		0 to 1	Indicates whether or not the product is V-cast enabled.	AVP ELECTRONICS & APPLIANCES
hasSubwoofer	Has Subwoofer?	hasTableStandIncluded	AVP403	O	Boolean		0 to 1	Indicates whether or not the product has a subwoofer.	AVP ELECTRONICS & APPLIANCES
hasSubwooferCrossoverIncluded	Has Subwoofer Crossover Included?	hasTabletFunctionality	AVP402	O	Boolean		0 to 1	Indicates whether or not the product has a subwoofer crossover. A subwoofer crossover is an audio signal	AVP ELECTRONICS & APPLIANCES

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									GDSN CIN AVP Extension Attribute Map
								from an electronic filter designed to separate frequency bands, which can be handled by individual speakers.	
hasTableStandIncl uded	Has Table Stand Included?	hasTextDisplayIcon Display	AVP404	O	Boolean		0 to 1	Indicates whether or not a stand is included with the product.	AVP ELECTRONICS & APPLIANCES
hasTabletFunctiona lity	Has Tablet Functionality?	hasTextMessaging	AVP405	O	Boolean		0 to 1	Indicates whether or not the laptop has the ability to serve as a tablet.	AVP ELECTRONICS & APPLIANCES
hasTiltUpHead	Has Tilt Up Head?	hasTiltUpHead	AVP408	O	Boolean		0 to 1	Indicates whether or not the product has a tilt-up head.	AVP ELECTRONICS & APPLIANCES
hasTiltWheel	Has Tilt Wheel?	hasTiltWheel	AVP409	O	Boolean		0 to 1	Indicates whether or not the product has a tilt-wheel, which increases navigation ability by providing left to right scrolling.	AVP ELECTRONICS & APPLIANCES
hasTimedShutoff	Has Timed Shutoff?	hasTimedShutoff	AVP929	O	Boolean		0 to 1	Does the product allow for a timed shutdown of operation after operation has initiated?	AVP ELECTRONICS & APPLIANCES
hasTouchScreen	Has Touch Screen?	hasTouchScreen	AVP410	O	Boolean		0 to 1	Indicates whether or not the product has a touch screen.	AVP ELECTRONICS & APPLIANCES
hasTrackProgramm ing	Has Track Programming?	hasTrackProgramm ing	AVP411	O	Boolean		0 to 1	Indicates whether or not the product offers track programming to make a play	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								list.	
hasTunedPorts	Has Tuned Ports?	hasTunedPorts	AVP412	O	Boolean		0 to 1	Indicates whether or not the product has ports located on sub boxes/enclosures. These are holes in the enclosure with tubes (usually pvc) protruding into the enclosure. These ports can be tuned to maximize the performance of the audio component in the enclosure.	AVP ELECTRONICS & APPLIANCES
hasTVGuideOnScre en	Has TV Guide On Screen?	hasTVGuideOnScre en	AVP413	O	Boolean		0 to 1	Indicates whether or not the product has on screen TV guide capability built-in.	AVP ELECTRONICS & APPLIANCES
hasTVTunerCardSlo t	Has TV Tuner Card Slot?	hasTVTunerCardSlo t	AVP414	O	Boolean		0 to 1	Indicates whether or not the product has a slot to put in a TV tuner card.	AVP ELECTRONICS & APPLIANCES
hasUltrabrightDigiv iewDataDisplay	Has Ultrabright Digiview Data Display?	hasUltrabrightDigiv iewDataDisplay	AVP415	O	Boolean		0 to 1	Indicates whether or not the product has Ultrabright Digiview Data Display.	AVP ELECTRONICS & APPLIANCES
hasUpconvertTech nology	Has Upconvert Technology?	hasUpconvertTechn ology	AVP831	O	Boolean		0 to 1	Indicates whether the product has boost Upconvert Technology that converts Standard DVDs to near 1080i quality through the HDMI Port.	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
hasValetMode	Has Valet Mode?	hasValetMode	AVP416	O	Boolean		0 to 1	Indicates whether or not the product has the feature that allows the disabling of the security system to prevent the shutting of alarms and disabling devices.	AVP ELECTRONICS & APPLIANCES
hasVCRPlus	Has VCR Plus?	hasVCRPlus	AVP417	O	Boolean		0 to 1	Indicates whether or not the product has VCR plus.	AVP ELECTRONICS & APPLIANCES
hasVoiceAlert	Has Voice Alert?	hasVoiceAlert	AVP418	O	Boolean		0 to 1	Indicates whether or not the radar detector has voice alert warnings, rather than just beeps.	AVP ELECTRONICS & APPLIANCES
hasVoicePrompts	Has Voice Prompts?	hasVoicePrompts	AVP419	O	Boolean		0 to 1	Indicates whether or not the product gives the user voice prompts.	AVP ELECTRONICS & APPLIANCES
hasVoiceRecorder	Has Voice Recorder?	hasVoiceRecorder	AVP420	O	Boolean		0 to 1	Indicates whether or not the product has a voice recorder.	AVP ELECTRONICS & APPLIANCES
hasVoltageRegulati on	Has Voltage Regulation?	hasVoltageRegulati on	AVP421	O	Boolean		0 to 1	Indicates whether or not the product automatically regulates the voltage flow to keep a steady flow of power to prevent brownouts.	AVP ELECTRONICS & APPLIANCES
hasWarmingDrawe r	Has Warming Drawer?	hasWarmingDrawe r	AVP930	O	Boolean		0 to 1	Does the product have a warming drawer?	AVP ELECTRONICS & APPLIANCES
hasWashingSoilSen sor	Has Washing Soil Sensor?	hasWashingSoilSen sor	AVP933	O	Boolean		0 to 1	Does the product have a sensor that measures how dirty the wash water is in	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
								order to adjust the cycle accordingly?	
hasWaterLineFilter	Has Water Line Filter?	hasWaterLineFilter	AVP422	O	Boolean		0 to 1	Indicates whether or not the product has a water line filter.	AVP ELECTRONICS & APPLIANCES
hasWeatherAlert	Has Weather Alert?	hasWeatherAlert	AVP423	O	Boolean		0 to 1	Indicates whether or not the product has weather alert channels.	AVP ELECTRONICS & APPLIANCES
hasWeatherband	Has Weatherband?	hasWeatherband	AVP424	O	Boolean		0 to 1	Indicates whether or not the product is capable of receiving NOAA weather band stations and weather alerts.	AVP ELECTRONICS & APPLIANCES
hasWrinkleControl	Has Wrinkle Control?	hasWrinkleControl	AVP425	O	Boolean		0 to 1	Indicates whether or not the product has a cycle that reduces wrinkles.	AVP ELECTRONICS & APPLIANCES
hasXVYCCColorGa mutTechnology	Has xvYCC Color Gamut Technology?	hasXVYCCColorGa mutTechnology	AVP832	O	Boolean		0 to 1	Indicates whether the Product uses the xvYCC Color Gamut Technology as the Color Space?	AVP ELECTRONICS & APPLIANCES
hazardousMaterial/ dangerousGoods/d angerousGoodsClas sificationCode	Dangerous Goods Classification Code	dangerousGoodsCl assificationCode	TMX252	O	String	1/6	0 to 1	Refer to Extension Implementation Guide (for Extension Attributes) or Participant Dictionary (for Core GDSN Attributes) for more information regarding this field.	SINFOS

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\multicolumn{10}{c|}{GDSN CIN AVP Extension Attribute Map}									
hazardousMaterialS hippingPaper	Hazardous Material Shipping Paper	hazardousMaterialS hippingPaper	AVP011	O	String	1/150	0 to 100	Additional free String information for the trade item, which must be indicated on transport papers (e.g. ADR Chapter 5.4 or GGAV) or packing details, which must be considered by dangerous goods transportation.	AVP HAZMAT & CONTROLLED SUBSTANCE
hazMatHandlingSp ecialRiskCode	Hazardous Materials Handling Special Risk Code	hazardousMaterials HandlingSpecialRis kCode	AVP018	O	String	1/9	0 to 100	Abbreviation for labeling obligations and special risks (health risks of skin, respiratory organs, swallow, eyes, reproduction) for handling of the substance. This attribute is intended specifically, for R-phrase information.	AVP HAZMAT & CONTROLLED SUBSTANCE
hdAudioSupported	HD Audio Supported?	hdAudioSupported	AVP426	O	Boolean		0 to 1	Indicates whether or not this product supports High Definition Audio.	AVP ELECTRONICS & APPLIANCES
hDMI_HDCPInterop erability	HDMI HDCP Interoperabilit y	hDMI_HDCPInterop erability	AVP833	O	String	1/70	0 to 1	Indicates the product's HMDI inputs and/or outputs certified for HDMI/HDCP interoperability through either SimplayHD or another Authorized Testing Center with the 1.2a specification. Examples: SimplayHD,	AVP ELECTRONICS & APPLIANCES

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
								Silicon Image Inc - Sunnyvale CA, Not certified.	
hDMIFeaturesSupp orted	HDMI Features Supported	hDMIFeaturesSupp orted	AVP834	O	String	1/70	0 to 1	Describes optional features this HDMI device supports. Certain HDMI standards allow for additional optional features. Examples: Lip Sync Correction, x.v.Color, Not Applicable.	AVP ELECTRONICS & APPLIANCES
headphoneConnect ion	Headphone Connection	headphoneConnect ion	AVP784	O	String	1/70	0 to 2	Describes the type of connection the headphone includes.	AVP ELECTRONICS & APPLIANCES
headphoneStyle	Headphone Style	headphoneStyle	AVP427	O	String	1/70	0 to 1	Describes the style of the headphone.	AVP ELECTRONICS & APPLIANCES
headsetStyle	Headset Style	headsetStyle	AVP428	O	String	1/70	0 to 1	Describes the style of the headset.	AVP ELECTRONICS & APPLIANCES
healthcareCompon entTypeC1	Healthcare Component Type C1	healthcareCompon entTypeC1	AUS053	O	string	1/1	0..1	The category of product that is being entered into the National Product Catalogue (NPC) or the DHB NC.	AVP Australian Healthcare
healthcareCompon entTypeC1	Medicine Container Type Code C1	healthcareCompon entTypeC1	AUS053	O	string	1/1	0..1	The category of product that is being entered into the National Product Catalogue (NPC) or the DHB NC.	AVP Australian Healthcare
healthcareCompon entTypeC2	Healthcare Component	healthcareCompon entTypeC2	AUS054	O	string	1/1	0..1	The category of product that is being entered into the National Product Catalogue	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
	Type C2							(NPC) or the DHB NC.	
healthcareCompon entTypeC2	Medicine Container Type Code C2	healthcareCompon entTypeC2	AUS054	O	string	1/1	0..1	The category of product that is being entered into the National Product Catalogue (NPC) or the DHB NC.	AVP Australian Healthcare
healthcareCompon entTypeC3	Healthcare Component Type C3	healthcareCompon entTypeC3	AUS055	O	string	1/1	0..1	The category of product that is being entered into the National Product Catalogue (NPC) or the DHB NC.	AVP Australian Healthcare
healthcareCompon entTypeC3	Medicine Container Type Code C3	healthcareCompon entTypeC3	AUS055	O	string	1/1	0..1	The category of product that is being entered into the National Product Catalogue (NPC) or the DHB NC.	AVP Australian Healthcare
healthcareCompon entTypeC4	Healthcare Component Type C4	healthcareCompon entTypeC4	AUS056	O	string	1/1	0..1	The category of product that is being entered into the National Product Catalogue (NPC) or the DHB NC.	AVP Australian Healthcare
healthcareCompon entTypeC4	Medicine Container Type Code C4	healthcareCompon entTypeC4	AUS056	O	string	1/1	0..1	The category of product that is being entered into the National Product Catalogue (NPC) or the DHB NC.	AVP Australian Healthcare
healthcareCompon entTypeC5	Healthcare Component Type C5	healthcareCompon entTypeC5	AUS057	O	string	1/1	0..1	The category of product that is being entered into the National Product Catalogue (NPC) or the DHB NC.	AVP Australian Healthcare
healthcareCompon	Medicine Container	healthcareCompon	AUS057	O	string	1/1	0..1	The category of product that is being entered into the	AVP Australian

GDSN CIN AVP Extension Attribute Map

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
entTypeC5	Type Code C5	entTypeC5						National Product Catalogue (NPC) or the DHB NC.	Healthcare
hIBCCode	HIBC (Health Industry Bar Code) Code	hIBCCode	AUS013	O	string	1/20	0..1	The Health Industry Bar Code (HIBC) can be used in conjunction with the GTIN but not as its replacement. This is a required field where a company has assigned a HIBC to its product or where the product's packaging contains a HIBC.	AVP Australian Healthcare
hIBCCode	Is Healthcare Item?	hIBCCode	AUS013	O	string	1/20	0..1	The Health Industry Bar Code (HIBC) can be used in conjunction with the GTIN but not as its replacement. This is a required field where a company has assigned a HIBC to its product or where the product's packaging contains a HIBC.	AVP Australian Healthcare
hingeSetting	Hinge Setting	hingeSetting	AVP429	O	String	1/70	0 to 1	Describes placement of hinge on the product.	AVP ELECTRONICS & APPLIANCES
imageSensorType	Image Sensor Type	imageSensorType	AVP430	O	String	1/70	0 to 1	What type of image sensor does this product Utilize? These are electronic chips that sense the image coming from the lens.	AVP ELECTRONICS & APPLIANCES

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
imageStabilizationType	Image Stabilization Type	imageStabilizationType	AVP431	O	String	1/70	0 to 2	Describes the product's type of image stabilization.	AVP ELECTRONICS & APPLIANCES
importerContactAddress	Importer Contact Address	importerContactAddress	AVP982	O	string	1/500	0..1	The address of the Party who makes - or on whose behalf a Customs clearing agent or other authorized person makes - an import declaration.	AVP MARKETING & CONTACT INFORMATION
importerContactName	Importer Contact Name	importerContactName	AVP983	O	string	1/200	0..1	The name of the Party who makes - or on whose behalf a Customs clearing agent or other authorized person makes - an import declaration.	AVP MARKETING & CONTACT INFORMATION
incotermEventCountryCode	Incoterm Event Country Code	incotermEventCountryCode	AVP944	O	String	1/5	0 to 1	The ISO country code in which the incoterm event occurs.	AVP FOOD & BEVERAGE
inDoorDispenserType	In Door Dispenser Type	inDoorDispenserType	AVP432	O	String	1/70	0 to 3	Describes the product's type of dispenser.	AVP ELECTRONICS & APPLIANCES
indoorOutdoorUse	Indoor/Outdoor Use	indoorOutdoorUse	AVP433	O	String	1/70	0 to 1	Describes the location where the user is most likely to use the product.	AVP ELECTRONICS & APPLIANCES
ingredientStatementFormattingPattern	Ingredient Statement Formatting	ingredientStatementFormattingPattern	AVP984	O	string	1/1000	0..Many	The formatting pattern of text for ingredient statement to generically emphasize a	AVP FOOD & BEVERAGE

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
					GDSN CIN AVP Extension Attribute Map				
	Pattern							word or set of words and to denote a paragraph break.	
instantFilmFormat	Instant Film Format	instantFilmFormat	AVP434	O	String	1/70	0 to 1	Describes the format of instant Polaroid film.	AVP ELECTRONICS & APPLIANCES
interiorMaterialType	Interior Material Type	interiorMaterialType	AVP435	O	String	1/70	0 to 1	Describes the type of material on the inside of the product.	AVP ELECTRONICS & APPLIANCES
internalExternalDevice	Internal/External Device	internalExternalDevice	AVP436	O	String	1/70	0 to 1	Indicates whether the device is located internally or externally.	AVP ELECTRONICS & APPLIANCES
is1OhmStable	Is 1 Ohm Stable?	is1OhmStable	AVP437	O	Boolean		0 to 1	Indicates whether or not the product can operate at 1 ohm consistently. Stability measures how low of impedance an amplifier can handle (measured in ohms). "Good" amps are usually 2 ohms stable, while "excellent" amps can be around .25 ohms stable.	AVP ELECTRONICS & APPLIANCES
isAllergenTypeCodeSeeds	Is Allergen Type Code Seeds?	isAllergenTypeCodeSeeds	AVP985	O	boolean		0..1	Refers to the presence of seed products as listed in the regulations specified in AllergenSpecificationAgency and AllergenSpecificationName.	AVP FOOD & BEVERAGE
isAmbidextrous	Is	isAmbidextrous	AVP755	O	Boolean		0 to 1	Indicates whether or not the	AVP ELECTRONICS &

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
	Ambidextrous?							product can be used by both hands.	APPLIANCES
isAntennaAmplified	Is Antenna Amplified?	isAntennaAmplified	AVP438	O	Boolean		0 to 1	Indicates whether or not the antenna is amplified.	AVP ELECTRONICS & APPLIANCES
isAssemblyRequired	Assembly Required	isAssemblyRequired	FFC008	O	Boolean		0 to 1	Indicates that the Items in the package need to be assembled for use.	AVP ELECTRONICS & APPLIANCES
isATSCFormatCapable	Is ATSC Format Capable?	isATSCFormatCapable	AVP439	O	Boolean		0 to 1	Indicates whether or not the product uses the ATSC (Advanced Television System Committee) format.	AVP ELECTRONICS & APPLIANCES
isAVCapable	Is AV Capable?	isAVCapable	AVP440	O	Boolean		0 to 1	Indicates whether or not the product has Audio Video Personal Computer Capability. Product can be used in a variety of ways, as a PC, as a music center, as a movie center.	AVP ELECTRONICS & APPLIANCES
isBackOrderAllowed	Is Back Order Allowed?	isBackOrderAllowed	AVP064	O	Boolean		0 to 1	Indicates if a customer's order will be processed or will remain valid when it cannot be filled due to insufficient stock.	AVP ORDERING & SELLING
isBarCodeIdDifferentThanPackaging	Is Bar Code ID Different Than Packaging?	isBarCodeIdentifierDifferentThanPackaging	AVP095	O	Boolean		0 to 1	An indicator that signals the bar code identifier on the trade item package is the same as the trade item	AVP PACKAGING

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								identifier used in GDSN.	
isBarCodeOnPkgVariableMeasureBarCode	Is Bar Code On Packaging Variable Measure Bar Code?	isBarCodeOnPackageVariableMeasureBarCode	AVP096	O	Boolean		0 to 1	An indicator that signals the bar code carries a variable measure trade item identification scheme (EAN/UCC-13 data structure with EAN/UCC Prefix 2n or UCC-12 data structure with UCC Prefix 2).	AVP PACKAGING
isBatteryOperationCapable	Is Battery Operation Capable?	isBatteryOperationCapable	AVP441	O	Boolean		0 to 1	Indicates whether or not the product can be battery operated.	AVP ELECTRONICS & APPLIANCES
isBuiltIntoDigitalCamera	Is Built Into Digital Camera?	isBuiltIntoDigitalCamera	AVP442	O	Boolean		0 to 1	Indicates whether or not the Product has a built-in Digital Camera. Digital Camera is not the primary function of this product.	AVP ELECTRONICS & APPLIANCES
isCableCardReady	Is Cable Card Ready?	isCableCardReady	AVP443	O	Boolean		0 to 1	Indicates whether or not the product is cable card ready.	AVP ELECTRONICS & APPLIANCES
isCarryingCaseIncluded	Is Carrying Case Included?	isCarryingCaseIncluded	AVP444	O	Boolean		0 to 1	Indicates whether or not the carrying case is included with this product.	AVP ELECTRONICS & APPLIANCES
isCdRCDRWCompatible	Is CD-R/CD-RW Compatible?	isCdRCDRWCompatible	AVP445	O	Boolean		0 to 1	Indicates whether or not the product play CDs on re-writeable discs.	AVP ELECTRONICS & APPLIANCES
isControlledSubsta	Is Controlled	isControlledSubsta	AVP086	O	Boolean		0 to 1	Indication of whether or not the item is a drug that must	AVP HAZMAT & CONTROLLED

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
nce	Substance?	nce						be acquired and used according to existing laws, and must be tracked from point of manufacture to consumer. These medications are classified as potentially habit forming or addicting. A controlled drug is one whose use and distribution is tightly controlled because of its potential to cause harm.	SUBSTANCE
isCordless	Is Cordless?	isCordless	AVP446	O	Boolean		0 to 1	Indicates whether or not the product is wireless; basically powered by battery.	AVP ELECTRONICS & APPLIANCES
isDigitalCableReady	Is Digital Cable Ready?	isDigitalCableReady	AVP447	O	Boolean		0 to 1	Indicates whether or not the product is digital cable ready. Has the ability to project digital cable, it just needs a separate tuner.	AVP ELECTRONICS & APPLIANCES
isDolbyHXProCapable	Is Dolby HX Pro Capable?	isDolbyHXProCapable	AVP448	O	Boolean		0 to 1	Indicates whether or not the product is Dolby HX Pro capable.	AVP ELECTRONICS & APPLIANCES
isDoubleSidedPrintingCapable	Is Double-sided Printing Capable?	isDoubleSidedPrintingCapable	AVP449	O	Boolean		0 to 1	Indicates whether or not the product can print on both sides of the paper without having the user flip the paper.	AVP ELECTRONICS & APPLIANCES

Participant Dictionary

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				GDSN CIN AVP Extension Attribute Map					
isDVDRecorder	Is DVD Recorder?	isDVDRecorder	AVP450	O	Boolean		0 to 1	Indicates whether or not the product has the capability to record onto DVD Media.	AVP ELECTRONICS & APPLIANCES
isEnergyStarCompli ant	Is Energy Star Compliant?	isEnergyStarCompli ant	AVP451	O	Boolean		0 to 1	Indicates whether or not the product is Energy Star certified.	AVP ELECTRONICS & APPLIANCES
isEVDOEnabled	Is EvDO Enabled?	isEVDOEnabled	AVP452	O	Boolean		0 to 1	Indicates whether or not the product EvDO is enabled. EvDO means Evolution Data Only.	AVP ELECTRONICS & APPLIANCES
isFrostProof	Is Frost Proof?	isFrostProof	AVP453	O	Boolean		0 to 1	Indicates whether or not the product has technology to prevent frost build-up.	AVP ELECTRONICS & APPLIANCES
isHDTVCompatible	Is HDTV Compatible?	isHDTVCompatible	AVP454	O	Boolean		0 to 1	Indicates whether or not the product is compatible with High Definition TV.	AVP ELECTRONICS & APPLIANCES
isHeadsetCompatib le	Is Headset Compatible?	isHeadsetCompatib le	AVP455	O	Boolean		0 to 1	Indicates whether or not the product is headset compatible. A headset is a microphone and a headphone combined in one unit.	AVP ELECTRONICS & APPLIANCES
isHeadsetIncluded	Is Headset Included?	isHeadsetIncluded	AVP456	O	Boolean		0 to 1	Indicates whether or not a headset is included with the product. A headset has a Microphone attached to the headphones.	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
isHealthCareItem	Is Healthcare Item?	isHealthCareItem	AUS014	O	boolean		0..1	Specifies whether the item is a Healthcare item.	AVP Australian Healthcare
isHealthCareItem	Label Name	isHealthCareItem	AUS014	O	boolean		0..1	Specifies whether the item is a Healthcare item.	AVP Australian Healthcare
isInhalant	Is Inhalant?	isInhalant	AVP457	O	Boolean		0 to 1	Indicates whether or not the product can be used as a damaging inhalant. Prompts ID verification at POS if checked to "yes."	AVP ELECTRONICS & APPLIANCES
isInkFadeResistant	Is Ink Fade Resistant?	isInkFadeResistant	AVP458	O	Boolean		0 to 1	Indicates whether or not the ink is fade resistant.	AVP ELECTRONICS & APPLIANCES
isInkHighYield	Is Ink High Yield?	isInkHighYield	AVP459	O	Boolean		0 to 1	Indicates whether or not the ink is high yield. Does the ink have ability to print more pages than average cartridges?	AVP ELECTRONICS & APPLIANCES
isIPODReady	Is IPOD Ready?	isIPODReady	AVP460	O	String	1/70	0 to 1	Indicates whether or not the product has an iPod connection.	AVP ELECTRONICS & APPLIANCES
isItemOneTimeBuy	Is Item One Time Buy?	isItemOneTimeBuy	AVP065	O	Boolean		0 to 1	Indicates whether or not an item will only be available for order once and then discontinued.	AVP ORDERING & SELLING
isLightscribeCapable	Is Lightscribe Capable?	isLightscribeCapable	AVP836	O	Boolean		0 to 1	Indicates whether the product label can be etched by a device that has	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								Lightscribe Technology.	

GDSN CIN AVP Extension Attribute Map									
isMouseIncluded	Is Mouse Included?	isMouseIncluded	AVP461	O	Boolean		0 to 1	Indicates whether or not a mouse is included with the product.	AVP ELECTRONICS & APPLIANCES
isMultiRoomCapable	Is Multi-roomCapable?	isMultiRoomCapable	AVP462	O	String	1/70	0 to 1	Indicates whether or not the product has multi-room capability, used in more than one room at one time.	AVP ELECTRONICS & APPLIANCES
isNoiseCanceling	Is Noise Canceling?	isNoiseCanceling	AVP463	O	String	1/70	0 to 3	Indicates whether or not the headphones are noise canceling.	AVP ELECTRONICS & APPLIANCES
isNutritionalClaimCodeContainsProbiotics	Is Nutritional Claim Code Contains Probiotics?	isNutritionalClaimCodeContainsProbiotics	AVP987	O	boolean		0..1	A claim that a food contains probiotics.	AVP FOOD & BEVERAGE
isNutritionalClaimCodeLowCholesterol	Is Nutritional Claim Code Low Cholesterol?	isNutritionalClaimCodeLowCholesterol	AVP988	O	boolean		0..1	A claim that a food is low in Cholesterol. Definition may vary depending upon target market. Consult your target market's regulatory or association's guidelines to the proper usage.	AVP FOOD & BEVERAGE
isNutritionalClaimCodeNatural	Is Nutritional Claim Code Natural?	isNutritionalClaimCodeNatural	AVP989	O	boolean		0..1	A claim that a food product does not contain synthetic or artificial ingredients.	AVP FOOD & BEVERAGE
isNutritionalClaimC	Is Nutritional Claim Code	isNutritionalClaimC	AVP990	O	boolean		0..1	A claim that a food has	AVP FOOD & BEVERAGE

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
odeReducedFat	Reduced Fat?	odeReducedFat						reduced fat.	
isNutritionalClaimC odeTransFatFree	Is Nutritional Claim Code TransFat Free?	isNutritionalClaimC odeTransFatFree	AVP991	O	boolean		0..1	A claim that a food is free of trans fat.	AVP FOOD & BEVERAGE
isPackageMarkedWi thLactoseContainm ent	Is Package Marked With Lactose Containment?	isPackageMarkedWi thLactoseContainm ent	AVP992	O	boolean		0..1	Indicates if the trade item package contains the word Lactose on it's package markings.	AVP PACKAGING
isPhoneLineRequire d	Is Phone Line Required?	isPhoneLineRequire d	AVP464	O	Boolean		0 to 1	Indicates whether or not a phone line is required for the product.	AVP ELECTRONICS & APPLIANCES
isPreparationTypeC onvection	Is Preparation Type Convection?	isPreparationTypeC onvection	AVP993	O	boolean		0..1	A cooking method which utilizes a convection oven which imparts heat assisted by fans to force air movement, as opposed to a conventional oven, which relies on convective heat transfer unassisted by fans.	AVP FOOD & BEVERAGE
isPriceIndicatedOn TradeItem	Is Price Indicated on Trade Item?	isPriceIndicatedOn TradeItem	AVP730	O	Boolean		0 to 1	Indication whether the retail price is printed human readable on the trade item.	AVP PACKAGING
isPrivate	Is Private?	isPrivate	Core Attribute	O	Boolean		0 to 1	See Attribute Page in IM Participant Dictionary	Located on IM General tab; not found on AVP
isProductRemanufa cturedOrReconditio	Is Product Remanufactur ed Or	isProductRemanufa cturedOrReconditio	AVP088	O	Boolean		0 to 1	Denotes whether or not this item is a remanufactured (or rebuilt) or reconditioned	AVP PRODUCT DESCRIPTION &

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
ned	Reconditioned?	ned						part.	ALTERNATES
isProgrammable	Is Programmable ?	isProgrammable	AVP465	O	Boolean		0 to 1	Indicates whether or not the device is programmable.	AVP ELECTRONICS & APPLIANCES
isSatelliteRadioRea dy	Is Satellite Radio Ready?	isSatelliteRadioRea dy	AVP466	O	Boolean		0 to 1	Indicates whether or not the product is able to receive satellite radio, or can easily get access to it.	AVP ELECTRONICS & APPLIANCES
isSelfCooling	Is Self Cooling?	isSelfCooling	AVP467	O	Boolean		0 to 1	Indicates whether or not the product has it's own cooling ability.	AVP ELECTRONICS & APPLIANCES
isSelfPropelled	Is Self Propelled?	isSelfPropelled	AVP468	O	Boolean		0 to 1	Indicates whether or not the vacuum is self-propelled.	AVP ELECTRONICS & APPLIANCES
isSubwooferBoxEnc losed	Is Subwoofer Box Enclosed	isSubwooferBoxEnc losed	AVP907	O	String	1/60	0 to 1	Does the Subwoofer come enclosed in a sub box?	AVP ELECTRONICS & APPLIANCES
isSVHSCapability	Is SVHS Capability?	isSVHSCapability	AVP469	O	Boolean		0 to 1	Indicates whether or not the product has SVHS capabilities.	AVP ELECTRONICS & APPLIANCES
isTHXCapable	Is THX Capable?	isTHXCapable	AVP470	O	Boolean		0 to 1	Indicates whether or not the product is THX (THX is the trade name of a high-fidelity sound reproduction system for theatrical movie theaters) capable.	AVP ELECTRONICS & APPLIANCES
isTradeItemAFoods	Is Trade Item	isTradeItemAFoods	AVP994	O	boolean		0..1	"Food" (or "Foodstuff") means any substance or	AVP FOOD & BEVERAGE

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
tuff	A Foodstuff?	tuff						product, whetherprocessed, partially processed or unprocessed, intended to be, or reasonably expected to be ingested by humans.	
isTradeItemAFreeItem	Is Trade Item A Free Item?	isTradeItemAFreeItem	AVP878	O	Boolean		0 to 1	Indicates if the item is free (for the retailer and for the end-consumer). Mainly related to non food item (for example, buy a computer, get the case free). Used only if Consumer Unit Indicator = true.	AVP PRICE, TAX, & PAYMENT
isTradeItemAnAccessory	Is Trade Item an Accessory?	isTradeItemAnAccessory	AVP471	O	Boolean		0 to 1	Indicates whether or not the item is an Accessory Product.	AVP ELECTRONICS & APPLIANCES
isTradeItemAPromotionalUnit	Is Trade Item a Promotional Unit?	isTradeItemAPromotionalUnit promotionalItemIndicator	AVP008	O	Boolean		0 to 1	An indicator used to point out those trade items, which are promotions from regular line articles.	AVP MARKETING & CONTACT INFORMATION
isTradeItemASeasonalItem	Is Trade Item a Seasonal Item?	isTradeItemSeasonal	TMX025	O	Boolean		0 to 1		CARREFOUR AVP PRODUCT DESCRIPTION & ALTERNATES
isTradeItemCompliantAerosolReverse	Is Trade Item Compliant	isTradeItemCompliantAerosolReverse	AVP995	O	boolean		0..1	Products complying with all the requirements of the	AVP PACKAGING

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
Epsilon	Aerosol Reverse Epsilon?	Epsilon						Aerosol Directive are marked with the "reverse epsilon" symbol,this is meant to be a class compliance regulation code.	
isTradeItemCompliantAnimalIDHealthMark	Is Trade Item Compliant Animal ID Health Mark?	isTradeItemCompliantAnimalIDHealthMark	AVP996	O	boolean		0..1	Food business operators, in accordance with Regulation (EC) No 853/2004, should ensure that all products of animal origin that they place on the market, bear either a health mark or an identification mark. This is meant to be a class compliance regulation code.	AVP PACKAGING
isTradeItemGlutenFree	Is Trade Item Gluten Free?	isTradeItemGlutenFree	AVP950	O	Boolean		0 to 1	The amount of gluten contained is < 20 mg/kg.	AVP FOOD & BEVERAGE
isTradeItemMarkedWithBiocide	Is Trade Item Marked With Biocide?	containsBiocide	TMX064	O	Boolean		0 to 1		SINFOS AVP PACKAGING
isTradeItemStackable	Is Trade Item Stackable?	isTradeItemStackable	AVP472	O	Boolean		0 to 1	Indicates whether or not the product is stackable.	AVP ELECTRONICS & APPLIANCES
isUniversalWellCapable	Is Universal Well Capable?	isUniversalWellCapable	AVP473	O	Boolean		0 to 1	Indicates whether or not the product is a universal well, meaning it can hook up to many different products.	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map								
isVG2Capable	Is VG2 Capable?	isVG2Capable	AVP474	O	Boolean		0 to 1	Indicates whether or not the product has VG2 capability. VG2 includes functionality that indicates if another radar detector is sensing your radar detector.	AVP ELECTRONICS & APPLIANCES
isVideoAccessoryA Splitter	Is Video Accessory a Splitter?	isVideoAccessoryA Splitter	AVP475	O	Boolean		0 to 1	Indicates whether or not the product would (video accessories) be considered a splitter.	AVP ELECTRONICS & APPLIANCES
isVoiceActivated	Is Voice Activated?	isVoiceActivated	AVP476	O	Boolean		0 to 1	Indicates whether or not the product is voice activated.	AVP ELECTRONICS & APPLIANCES
isWAASEnabled	Is WAAS Enabled?	isWAASEnabled	AVP477	O	Boolean		0 to 1	Indicates whether or not the product is WAAS enabled. WAAS means Wide Area Augmentation System.	AVP ELECTRONICS & APPLIANCES
isWarrantyDocume ntRequired	Is Warranty Document Required?	isWarrantyDocume ntRequired	AVP478	O	Boolean		0 to 1	Indicates whether or not the product requires a warranty document.	AVP ELECTRONICS & APPLIANCES
isWaterResistant	Is Water Resistant?	isWaterResistant	AVP479	O	Boolean		0 to 1	Indicates whether or not the ink is water resistant.	AVP ELECTRONICS & APPLIANCES
isWeatherProof	Is Weather Proof?	isWeatherProof	AVP480	O	Boolean		0 to 1	Indicates whether or not the product can be left out in the rain, snow, etc.	AVP ELECTRONICS & APPLIANCES
isWideFormatCapa ble	Is Wide Format	isWideFormatCapa ble	AVP481	O	Boolean		0 to 1	Indicates whether or not the product is able to print on	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
	Capable?							paper wider than 8.5 inches.	
itemDescriptionPrefix	Item Description Prefix	itemDescriptionPrefix	MCD016	O	string	1/14	0..1	Item Description Prefix	AVP McDonald's
itemDescriptionSuffix	Item Description Suffix	itemDescriptionSuffix	MCD017	O	string	1/30	0..1	Item Description Suffix	AVP McDonald's
itemPresentedDateTime	Item Presented Date Time	itemPresentedDateTime	AVP069	O	DateTime		0 to 100	The Date and time the item was presented to Category Manager for acceptance.	AVP MARKETING & CONTACT INFORMATION
itemUsageType	Item Usage Type	itemUsageType	MCD023	O	string	1/1	0..1	How product will be used.	AVP McDonald's
keypadLocation	Keypad Location	keypadLocation	AVP482	O	String	1/70	0 to 2	Indicates where on the product the keypad is located.	AVP ELECTRONICS & APPLIANCES
labelDescription	Label Description	labelDescription	DAS021	O	String	1/500	0 Or More	A literal reproduction of the text featured on a product's label in the same word-by-word order in which it appears on the front of the product's packaging.	AVP Packaging
lengthOfESN_IMEIDeviceIdentityNumber	Length Of ESN IMEI Device Identity	lengthOfESN_IMEIDeviceIdentityNumber	AVP837	O	Integer	1/4	0 to 2	Indicates the length of this ESN or IMEI number. Electronic Serial Number or International Mobile	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
	Number							Electronic Identidy numbers specify the identity of the device. Examples: 0, 10, 12.	
lensType	Lens Type	lensType	AVP483	O	String	1/70	0 to 3	Describes the type of lens that the product contains.	AVP ELECTRONICS & APPLIANCES
lightSourceType	Light Source Type	lightSourceType	AVP484	O	String	1/70	0 to 1	Indicates the type of light source of the TV.	AVP ELECTRONICS & APPLIANCES
loadingStyle	Loading Style	loadingStyle	AVP485	O	String	1/70	0 to 1	Indicates how the laundry is loaded in the product.	AVP ELECTRONICS & APPLIANCES
localGln	Contact GLN	contactGLN localGLN	U420001	O	String	13/13	0 to 1		LOCALGLN WWRE Netherlands CARREFOUR AVP MARKETING & CONTACT INFORMATION
locationToAttachmentMount	Location To Attachment Mount	locationToAttachmentMount	AVP486	O	String	1/70	0 to 3	Indicates the location of where the mount should be attached.	AVP ELECTRONICS & APPLIANCES
lowestOperatingTemperature	Lowest Operating Temperature	lowestOperatingTemperature	AVP487	O	Integer	1/4	0 to 1	Identifies the coldest temperature that the product will continue to draw moisture out of the atmosphere.	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
lowestOperatingTemperatureUOM	Lowest Operating Temperature UOM	lowestOperatingTemperatureUOM	AVP488	O	String	1/70	0 to 1	The unit of measurement associated with the Lowest Operating Temperature.	AVP ELECTRONICS & APPLIANCES
lwrinPrefix	Local RIN Prefix	lwrinPrefix	MCD003	O	string	1/5	0..1	Local WRIN Prefix	AVP McDonald's
lwrinSuffix	Local RIN Suffix	lwrinSuffix	MCD004	O	string	1/3	0..1	Local WRIN Suffix	AVP McDonald's
magnetSize	Magnet Size	magnetSize	AVP489	O	Integer	1/4	0 to 1	Indicates the size of the magnet on the driver of the speaker. This is measuring the diameter.	AVP ELECTRONICS & APPLIANCES
magnetSizeUOM	Magnet Size UOM	magnetSizeUOM	AVP490	O	String	1/70	0 to 1	The unit of measurement associated with Magnet Size.	AVP ELECTRONICS & APPLIANCES
magnetType	Magnet Type	magnetType	AVP491	O	String	1/70	0 to 1	Describes the type of magnet that is used on the product.	AVP ELECTRONICS & APPLIANCES
manufacturerAddress	Manufacturer Address	manufacturerAddress	AVP997	O	string	1/500	0..1	The address of the Party who manufactures the goods.	AVP MARKETING & CONTACT INFORMATION
manufacturingPlantIdentification	Manufacturing Plant Identification	manufacturingPlantIdentification	AVP062	O	String	1/13	0 to 100	The Global Location Number identifying the Industrial department of a company in which goods are manufactured with appropriate equipment and fittings.	AVP MANUFACTURING, HANDLING, & DELIVERY

WORLD SYNC

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
marketingCircularCopy	Marketing Circular Copy	marketingCircularCopy	AVP082	O	String	1/150	0 to 100	Supplier's descriptive and comparative product information, in a bullet copy format, used as content for marketing materials such as circulars, newspaper ads and coupons. May contain up to twenty bullet copy lines. If utilized, should include product name. May include features and benefits in rank order of importance, comparative information and certification information.	AVP MARKETING & CONTACT INFORMATION
maximumCameraPictureSize	Maximum Camera Picture Size	maximumCameraPictureSize	AVP492	O	String	1/70	0 to 1	Indicates the maximum picture size the product can produce.	AVP ELECTRONICS & APPLIANCES
maximumJoulesRating	Maximum Joules Rating	maximumJoulesRating	AVP493	O	Integer	1/4	0 to 1	Indicates how much energy a product can handle. Maximum Joules rating a product's arrestor can absorb without damage. A measure of energy that takes into consideration surge charge and voltage.	AVP ELECTRONICS & APPLIANCES
maximumRange	Maximum Range	maximumRange	AVP494	O	Integer	1/4	0 to 1	Indicates the maximum un-obstructed range of the unit.	AVP ELECTRONICS & APPLIANCES
maximumRangeUO	Maximum	maximumRangeUO	AVP495	O	String	1/70	0 to 1	The unit of measurement associated with Maximum	AVP ELECTRONICS &

Participant Dictionary

GDSN CIN AVP Extension Attribute Map

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
M	Range UOM	M						Range.	APPLIANCES
maximumResolution	Maximum Resolution	maximumResolution	AVP496	O	String	1/70	0 to 1	Identifies the maximum resolution of the product.	AVP ELECTRONICS & APPLIANCES
maximumScreenSizeUOM	Maximum Screen Size UOM	maximumScreenSizeUOM	AVP497	O	String	1/70	0 to 1	The unit of measurement associated with Maximum TV Screen Size.	AVP ELECTRONICS & APPLIANCES
maximumTVScreenSize	Maximum TV Screen Size	maximumTVScreenSize	AVP498	O	Integer	1/4	0 to 1	Describes the maximum TV screen size that will fit with the mount.	AVP ELECTRONICS & APPLIANCES
mcdClassification	Classification Category - Product Group	mcdClassification	MCD008	O	string	1/10	0..1	McDonald's defined product classification. Used in conjunction with Product Classification.	AVP McDonald's
measurementPrecisionOfNumberOfServingsPerPackage	Measurement Precision Of Number Of Servings Per Package	measurementPrecisionOfNumberOfServingsPerPackage	AVP998	O	string	1/35	0..1	Code indicating whether the number of servings per package is exact or approximate	AVP FOOD & BEVERAGE
mediaStorageType	Media Storage Type	mediaStorageType	AVP756	O	String	1/70	0 to 2	Describes the style of the storage and the type of media, which the product can store.	AVP ELECTRONICS & APPLIANCES
medicationFormCodeC1D1	Medication Form Code C1D1	medicationFormCodeC1D1	AUS058	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
medicationFormCodeC1D1	Proprietary medication dose form C1D1	medicationFormCodeC1D1	AUS058	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC1D2	Medication Form Code C1D2	medicationFormCodeC1D2	AUS059	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC1D2	Proprietary medication dose form C1D2	medicationFormCodeC1D2	AUS059	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC1D3	Medication Form Code C1D3	medicationFormCodeC1D3	AUS060	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC1D3	Proprietary medication dose form C1D3	medicationFormCodeC1D3	AUS060	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC1D4	Medication Form Code C1D4	medicationFormCodeC1D4	AUS061	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC1D4	Proprietary medication dose form C1D4	medicationFormCodeC1D4	AUS061	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCo	Medication Form Code	medicationFormCo	AUS062	O	string	1/14	0..1	The physical structure of the	AVP Australian

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
deC1D5	C1D5	deC1D5						medicine.	Healthcare
medicationFormCodeC1D5	Proprietary medication dose form C1D5	medicationFormCodeC1D5	AUS062	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC2D1	Medication Form Code C2D1	medicationFormCodeC2D1	AUS063	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC2D1	Proprietary medication dose form C2D1	medicationFormCodeC2D1	AUS063	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC2D2	Medication Form Code C2D2	medicationFormCodeC2D2	AUS064	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC2D2	Proprietary medication dose form C2D2	medicationFormCodeC2D2	AUS064	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC2D3	Medication Form Code C2D3	medicationFormCodeC2D3	AUS065	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC2D3	Proprietary medication dose form C2D3	medicationFormCodeC2D3	AUS065	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
medicationFormCodeC2D4	Medication Form Code C2D4	medicationFormCodeC2D4	AUS066	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC2D4	Proprietary medication dose form C2D4	medicationFormCodeC2D4	AUS066	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC2D5	Medication Form Code C2D5	medicationFormCodeC2D5	AUS067	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC2D5	Proprietary medication dose form C2D5	medicationFormCodeC2D5	AUS067	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC3D1	Medication Form Code C3D1	medicationFormCodeC3D1	AUS068	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC3D1	Proprietary medication dose form C3D1	medicationFormCodeC3D1	AUS068	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC3D2	Medication Form Code C3D2	medicationFormCodeC3D2	AUS069	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC3D2	Proprietary medication dose form	medicationFormCodeC3D2	AUS069	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
			GDSN CIN AVP Extension Attribute Map						
	C3D2								
medicationFormCodeC3D3	Medication Form Code C3D3	medicationFormCodeC3D3	AUS070	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC3D3	Proprietary medication dose form C3D3	medicationFormCodeC3D3	AUS070	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC3D4	Medication Form Code C3D4	medicationFormCodeC3D4	AUS071	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC3D4	Proprietary medication dose form C3D4	medicationFormCodeC3D4	AUS071	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC3D5	Medication Form Code C3D5	medicationFormCodeC3D5	AUS072	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC3D5	Proprietary medication dose form C3D5	medicationFormCodeC3D5	AUS072	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC4D1	Medication Form Code C4D1	medicationFormCodeC4D1	AUS073	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
medicationFormCodeC4D1	Proprietary medication dose form C4D1	medicationFormCodeC4D1	AUS073	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC4D2	Medication Form Code C4D2	medicationFormCodeC4D2	AUS074	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC4D2	Proprietary medication dose form C4D2	medicationFormCodeC4D2	AUS074	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC4D3	Medication Form Code C4D3	medicationFormCodeC4D3	AUS075	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC4D3	Proprietary medication dose form C4D3	medicationFormCodeC4D3	AUS075	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC4D4	Medication Form Code C4D4	medicationFormCodeC4D4	AUS076	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC4D4	Proprietary medication dose form C4D4	medicationFormCodeC4D4	AUS076	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCo	Medication Form Code	medicationFormCo	AUS077	O	string	1/14	0..1	The physical structure of the	AVP Australian

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
deC4D5	C4D5	deC4D5						medicine.	Healthcare
medicationFormCodeC4D5	Proprietary medication dose form C4D5	medicationFormCodeC4D5	AUS077	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC5D1	Medication Form Code C5D1	medicationFormCodeC5D1	AUS078	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC5D1	Proprietary medication dose form C5D1	medicationFormCodeC5D1	AUS078	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC5D2	Medication Form Code C5D2	medicationFormCodeC5D2	AUS079	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC5D2	Proprietary medication dose form C5D2	medicationFormCodeC5D2	AUS079	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC5D3	Medication Form Code C5D3	medicationFormCodeC5D3	AUS080	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCodeC5D3	Proprietary medication dose form C5D3	medicationFormCodeC5D3	AUS080	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
medicationFormCo deC5D4	Medication Form Code C5D4	medicationFormCo deC5D4	AUS081	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCo deC5D4	Proprietary medication dose form C5D4	medicationFormCo deC5D4	AUS081	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCo deC5D5	Medication Form Code C5D5	medicationFormCo deC5D5	AUS082	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicationFormCo deC5D5	Proprietary medication dose form C5D5	medicationFormCo deC5D5	AUS082	O	string	1/14	0..1	The physical structure of the medicine.	AVP Australian Healthcare
medicineContainer TypeCodeC1	Medicine Container Type Code C1	medicineContainer TypeCodeC1	AUS083	O	string	1/7	0..1	The type of packaging that immediately surrounds the product.	AVP Australian Healthcare
medicineContainer TypeCodeC1	No of Identical Medicine Containers or Devices C1	medicineContainer TypeCodeC1	AUS083	O	string	1/7	0..1	The type of packaging that immediately surrounds the product.	AVP Australian Healthcare
medicineContainer TypeCodeC2	Medicine Container Type Code C2	medicineContainer TypeCodeC2	AUS084	O	string	1/7	0..1	The type of packaging that immediately surrounds the product.	AVP Australian Healthcare
medicineContainer TypeCodeC2	No of Identical Medicine Containers or	medicineContainer TypeCodeC2	AUS084	O	string	1/7	0..1	The type of packaging that immediately surrounds the	AVP Australian Healthcare

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
	Devices C2							product.	
medicineContainer TypeCodeC3	Medicine Container Type Code C3	medicineContainer TypeCodeC3	AUS085	O	string	1/7	0..1	The type of packaging that immediately surrounds the product.	AVP Australian Healthcare
medicineContainer TypeCodeC3	No of Identical Medicine Containers or Devices C3	medicineContainer TypeCodeC3	AUS085	O	string	1/7	0..1	The type of packaging that immediately surrounds the product.	AVP Australian Healthcare
medicineContainer TypeCodeC4	Medicine Container Type Code C4	medicineContainer TypeCodeC4	AUS086	O	string	1/7	0..1	The type of packaging that immediately surrounds the product.	AVP Australian Healthcare
medicineContainer TypeCodeC4	No of Identical Medicine Containers or Devices C4	medicineContainer TypeCodeC4	AUS086	O	string	1/7	0..1	The type of packaging that immediately surrounds the product.	AVP Australian Healthcare
medicineContainer TypeCodeC5	Medicine Container Type Code C5	medicineContainer TypeCodeC5	AUS087	O	string	1/7	0..1	The type of packaging that immediately surrounds the product.	AVP Australian Healthcare
medicineContainer TypeCodeC5	No of Identical Medicine Containers or Devices C5	medicineContainer TypeCodeC5	AUS087	O	string	1/7	0..1	The type of packaging that immediately surrounds the product.	AVP Australian Healthcare
medicineDeviceUnit NameC1D1	Medicine Device Unit Name C1D1	medicineDeviceUnit NameC1D1	AUS088	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
								Strength(s)	
medicineDeviceUnit NameC1D1	Unit of Use GTIN C1D1	medicineDeviceUnit NameC1D1	AUS088	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC1D2	Medicine Device Unit Name C1D2	medicineDeviceUnit NameC1D2	AUS089	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC1D2	Unit of Use GTIN C1D2	medicineDeviceUnit NameC1D2	AUS089	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC1D3	Medicine Device Unit Name C1D3	medicineDeviceUnit NameC1D3	AUS090	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC1D3	Unit of Use GTIN C1D3	medicineDeviceUnit NameC1D3	AUS090	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								medications item e.g. ingredient(s) plus Strength(s)	
medicineDeviceUnit NameC1D4	Medicine Device Unit Name C1D4	medicineDeviceUnit NameC1D4	AUS091	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC1D4	Unit of Use GTIN C1D4	medicineDeviceUnit NameC1D4	AUS091	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC1D5	Medicine Device Unit Name C1D5	medicineDeviceUnit NameC1D5	AUS092	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC1D5	Unit of Use GTIN C1D5	medicineDeviceUnit NameC1D5	AUS092	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
			GDSN CIN AVP Extension Attribute Map						
medicineDeviceUnit NameC2D1	Medicine Device Unit Name C2D1	medicineDeviceUnit NameC2D1	AUS093	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC2D1	Unit of Use GTIN C2D1	medicineDeviceUnit NameC2D1	AUS093	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC2D2	Medicine Device Unit Name C2D2	medicineDeviceUnit NameC2D2	AUS094	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC2D2	Unit of Use GTIN C2D2	medicineDeviceUnit NameC2D2	AUS094	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC2D3	Medicine Device Unit Name C2D3	medicineDeviceUnit NameC2D3	AUS095	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								Strength(s)	
medicineDeviceUnit NameC2D3	Unit of Use GTIN C2D3	medicineDeviceUnit NameC2D3	AUS095	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC2D4	Medicine Device Unit Name C2D4	medicineDeviceUnit NameC2D4	AUS096	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC2D4	Unit of Use GTIN C2D4	medicineDeviceUnit NameC2D4	AUS096	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC2D5	Medicine Device Unit Name C2D5	medicineDeviceUnit NameC2D5	AUS097	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC2D5	Unit of Use GTIN C2D5	medicineDeviceUnit NameC2D5	AUS097	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
								medications item e.g. ingredient(s) plus Strength(s)	
medicineDeviceUnit NameC3D1	Medicine Device Unit Name C3D1	medicineDeviceUnit NameC3D1	AUS098	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC3D1	Unit of Use GTIN C3D1	medicineDeviceUnit NameC3D1	AUS098	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC3D2	Medicine Device Unit Name C3D2	medicineDeviceUnit NameC3D2	AUS099	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC3D2	Unit of Use GTIN C3D2	medicineDeviceUnit NameC3D2	AUS099	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
medicineDeviceUnit NameC3D3	Medicine Device Unit Name C3D3	medicineDeviceUnit NameC3D3	AUS100	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC3D3	Unit of Use GTIN C3D3	medicineDeviceUnit NameC3D3	AUS100	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC3D4	Medicine Device Unit Name C3D4	medicineDeviceUnit NameC3D4	AUS101	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC3D4	Unit of Use GTIN C3D4	medicineDeviceUnit NameC3D4	AUS101	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC3D5	Medicine Device Unit Name C3D5	medicineDeviceUnit NameC3D5	AUS102	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus	AVP Australian Healthcare

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								Strength(s)	
medicineDeviceUnit NameC3D5	Unit of Use GTIN C3D5	medicineDeviceUnit NameC3D5	AUS102	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC4D1	Medicine Device Unit Name C4D1	medicineDeviceUnit NameC4D1	AUS103	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC4D1	Unit of Use GTIN C4D1	medicineDeviceUnit NameC4D1	AUS103	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC4D2	Medicine Device Unit Name C4D2	medicineDeviceUnit NameC4D2	AUS104	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC4D2	Unit of Use GTIN C4D2	medicineDeviceUnit NameC4D2	AUS104	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi	AVP Australian Healthcare

Participant Dictionary

GDSN CIN AVP Extension Attribute Map

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								medications item e.g. ingredient(s) plus Strength(s)	
medicineDeviceUnit NameC4D3	Medicine Device Unit Name C4D3	medicineDeviceUnit NameC4D3	AUS105	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC4D3	Unit of Use GTIN C4D3	medicineDeviceUnit NameC4D3	AUS105	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC4D4	Medicine Device Unit Name C4D4	medicineDeviceUnit NameC4D4	AUS106	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC4D4	Unit of Use GTIN C4D4	medicineDeviceUnit NameC4D4	AUS106	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
medicineDeviceUnit NameC4D5	Medicine Device Unit Name C4D5	medicineDeviceUnit NameC4D5	AUS107	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC4D5	Unit of Use GTIN C4D5	medicineDeviceUnit NameC4D5	AUS107	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC5D1	Medicine Device Unit Name C5D1	medicineDeviceUnit NameC5D1	AUS108	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC5D1	Unit of Use GTIN C5D1	medicineDeviceUnit NameC5D1	AUS108	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC5D2	Medicine Device Unit Name C5D2	medicineDeviceUnit NameC5D2	AUS109	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								Strength(s)	
medicineDeviceUnit NameC5D2	Unit of Use GTIN C5D2	medicineDeviceUnit NameC5D2	AUS109	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC5D3	Medicine Device Unit Name C5D3	medicineDeviceUnit NameC5D3	AUS110	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC5D3	Unit of Use GTIN C5D3	medicineDeviceUnit NameC5D3	AUS110	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC5D4	Medicine Device Unit Name C5D4	medicineDeviceUnit NameC5D4	AUS111	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC5D4	Unit of Use GTIN C5D4	medicineDeviceUnit NameC5D4	AUS111	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi	AVP Australian Healthcare

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								medications item e.g. ingredient(s) plus Strength(s)	
medicineDeviceUnit NameC5D5	Medicine Device Unit Name C5D5	medicineDeviceUnit NameC5D5	AUS112	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medicineDeviceUnit NameC5D5	Unit of Use GTIN C5D5	medicineDeviceUnit NameC5D5	AUS112	O	string	1/255	0..1	Used to distinguish medications or devices within a multi component or multi medications item e.g. ingredient(s) plus Strength(s)	AVP Australian Healthcare
medsafeRegulatory Classification	Medsafe Regulatory Classification	medsafeRegulatory Classification	AUS016	O	string	1/30	0..1	For medicines used within NZ healthcare, the Medsafe regulatory classification code.	AVP Australian Healthcare
medsafeRegulatory Classification	Medsafe Risk Classification	medsafeRegulatory Classification	AUS016	O	string	1/30	0..1	For medicines used within NZ healthcare, the Medsafe regulatory classification code.	AVP Australian Healthcare
medsafeRiskClassifi cation	Medsafe Risk Classification	medsafeRiskClassifi cation	AUS017	O	string	1/22	0..1	For medical devices used within NZ healthcare, the Medsafe risk classification code. Risk classification rules determine appropriate risk	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								classification code.	
medsafeRiskClassification	Medsafe Sponsor	medsafeRiskClassification	AUS017	O	string	1/22	0..1	For medical devices used within NZ healthcare, the Medsafe risk classification code. Risk classification rules determine appropriate risk classification code.	AVP Australian Healthcare
medsafeSponsor	Medsafe Sponsor	medsafeSponsor	AUS018	O	boolean		0..1	For medical devices used within NZ healthcare, specifies whether the company associated with this catalogue is the Medsafe sponsor for the product. Conditionally mandatory on the presence of WAND number.	AVP Australian Healthcare
medsafeSponsor	New Zealand Medicines Terminology Code	medsafeSponsor	AUS018	O	boolean		0..1	For medical devices used within NZ healthcare, specifies whether the company associated with this catalogue is the Medsafe sponsor for the product. Conditionally mandatory on the presence of WAND number.	AVP Australian Healthcare
memoryCapacity	Memory Capacity	memoryCapacity	AVP499	O	Integer	1/4	0 to 1	Indicates the basic memory capacity of the unit.	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
memoryCapacityU OM	Memory Capacity UOM	memoryCapacityU OM	AVP500	O	String	1/70	0 to 1	The unit of measurement associated with Memory Capacity.	AVP ELECTRONICS & APPLIANCES
memorySpeed	Memory Speed	memorySpeed	AVP838	O	String	1/70	0 to 2	Indicates the speed of the memory or the memory installed. Examples: High Speed, Standard, Not Applicable	AVP ELECTRONICS & APPLIANCES
memoryType	Memory Type	memoryType	AVP501	O	String	1/70	0 to 8	Identifies the type of memory that the product uses.	AVP ELECTRONICS & APPLIANCES
menuItemUsage	Menu Item Usage	menuItemUsage	AVP1011	O	String	1/70	0 or More	Identifies what food or menu item will this product be used in or with.	AVP MCDONALDS
midiMusicType	MIDI Music Type	midiMusicType	AVP502	O	String	1/70	0 to 1	Indicates the type of MIDI music the product has.	AVP ELECTRONICS & APPLIANCES
midrangeSpeakerT ype	Midrange Speaker Type	midrangeSpeakerT ype	AVP503	O	String	1/70	0 to 1	Indicates the type of midrange speakers the product has.	AVP ELECTRONICS & APPLIANCES
mightControlOfHaz ardousSubstancesR egulationsApplyToT heProduct	Might Control Of Hazardous Substances Regulations Apply To The Product	mightControlOfHaz ardousSubstancesR egulationsApplyToT heProduct	AVP914	O	String	1/11	0 to 1	The product may have a (volume of) hazardous content that needs to be referenced and controlled under certain legislations; this attribute is to allow the information provider to express if the product might	AVP HAZMAT & CONTROLLED SUBSTANCE

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								be subject to such controls. Code List to include the following allowed values: Yes, No, Unspecified	
milkLevy	Milk Levy	australianMilkLevy DIAL	AVP851	O	Decimal	1/8,4	0 to 1	An amount to be added to the invoice price for a milk levy.	AVP AUSTRALIA
milkLevyCurrency	Milk Levy Currency	australianMilkLevy DIALCurrency	AVP852	O	String	1/3	0 to 1	Currency for the amount to be added to the invoice price for a milk levy.	AVP AUSTRALIA
minimumRequiredP rocessorSpeed	Minimum Required Processor Speed	minimumRequiredP rocessorSpeed	AVP785	O	Decimal	1/7,7	0 to 1	Indicates the minimum processor speed required to operate the software.	AVP ELECTRONICS & APPLIANCES
minimumRequiredP rocessorSpeedUOM	Minimum Required Processor Speed UOM	minimumRequiredP rocessorSpeedUOM	AVP786	O	String	1/70	0 to 1	The unit of measurement associated with Minimum Required Processor Speed.	AVP ELECTRONICS & APPLIANCES
minimumShipping Quantity	Minimum Shipping Quantity	minimumShipping Quantity	AVP725	O	Integer	1/6	0 to 100	The minimum total quantity of this trade item that can be shipped. It is used only if different from the minimum order quantity.	AVP MANUFACTURING, HANDLING, & DELIVERY
minimumTVScreen Size	Minimum TV Screen Size	minimumTVScreen Size	AVP504	O	String	1/70	0 to 1	Describes the minimum TV screen size limitations of the mount.	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
moistureDrainType	Moisture Drain Type	moistureDrainType	AVP773	O	String	1/70	0 to 1	Describes how the product drains the moisture it extracts from the air.	AVP ELECTRONICS & APPLIANCES
monitorResolution	Monitor Resolution	monitorResolution	AVP505	O	String	1/70	0 to 1	Describes the resolution of the monitor.	AVP ELECTRONICS & APPLIANCES
monitorSpeakerLoc ation	Monitor Speaker Location	monitorSpeakerLoc ation	AVP506	O	String	1/70	0 to 1	Indicates the location of where the speakers are located on the monitor.	AVP ELECTRONICS & APPLIANCES
mountArmProfile	Mount Arm Profile	mountArmProfile	AVP507	O	String	1/70	0 to 1	Indicates the type of profile the Mount Arm has.	AVP ELECTRONICS & APPLIANCES
mountingMaximum SupportedWeight	Mounting Maximum Supported Weight	mountingMaximum SupportedWeight	AVP508	O	Integer	1/4	0 to 1	Indicates the maximum weight that the mount can safely hold.	AVP ELECTRONICS & APPLIANCES
mountingMaximum SupportedWeightU OM	Mounting Maximum Supported Weight UOM	mountingMaximum SupportedWeightU OM	AVP509	O	String	1/70	0 to 1	The unit of measurement associated with Mounting Maximum Supported Weight.	AVP ELECTRONICS & APPLIANCES
mountingShoePow erType	Mounting Shoe Power Type	mountingShoePow erType	AVP839	O	String	1/70	0 to 1	Indicates whether the Mounting Shoe on the Product Powered or Non Powered. Examples: Powered, Non Powered, Not Applicable.	AVP ELECTRONICS & APPLIANCES
mouseType	Mouse Type	mouseType	AVP510	O	String	1/70	0 to 1	Identifies the type of mouse product included with the	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								trade item.	
mp3AccesoryType	MP3 Accesory Type	mp3AccesoryType	AVP511	O	String	1/70	0 to 4	Indicates the product's accessory type.	AVP ELECTRONICS & APPLIANCES
mp3ConnectionType	MP3 Connection Type	mp3ConnectionType	AVP512	O	String	1/70	0 to 3	Identifies the type of interface between the product and a computer.	AVP ELECTRONICS & APPLIANCES
mP3FeaturesSupported	MP3 Features Supported	mP3FeaturesSupported	AVP908	O	String	1/70	0 to 1	What additional MP3 Features are supported above and beyond being MP3 Ready or iPOD ready?	AVP ELECTRONICS & APPLIANCES
mp3PlayerCompatibilityBrandName	MP3 Player Compatibility Brand Name	mp3PlayerCompatibilityBrandName	AVP513	O	String	1/70	0 to 999	Describes the product's compatibility to an MP3 Player.	AVP ELECTRONICS & APPLIANCES
muteControlLocation	Mute Control Location	muteControlLocation	AVP514	O	String	1/70	0 to 1	Indicates the location of the product's Mute Control button.	AVP ELECTRONICS & APPLIANCES
muteType	Mute Type	muteType	AVP515	O	String	1/70	0 to 1	Indicates the type of mute functionality the product has; auto or manual.	AVP ELECTRONICS & APPLIANCES
nABCAAdditionalCharges	NABCA Additional Charges	nABCAAdditionalCharges	AVP114	O	Decimal	1/15,2	0 to 1	Any other charges to be added to the Net Cost at FOB point.	AVP NABCA
nABCAAddressOfBottler	NABCA Address Of Bottler	nABCAAddressOfBottler	AVP103	O	String	1/225	0 to 1	An indication of the entity who bottles the item.	AVP NABCA

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
nABCAAddressOfDistiller	NABCA Address Of Distiller	nABCAAddressOfDistiller	AVP101	O	String	1/225	0 to 1	The address of the entity that distills the item.	AVP NABCA
nABCAAgeVintage	NABCA Age Vintage	nABCAAgeVintage	AVP099	O	String	1/4	0 to 1	The year or vintage of the beverage.	AVP NABCA
nABCAAlternateAgeVintage	NABCA Alternate Age Vintage	nABCAAlternateAgeVintage	AVP106	O	String	1/4	0 to 1	The age or vintage of the item as sold under another label.	AVP NABCA
nABCAAlternateLabelExplanation	NABCA Alternate Label Explanation	nABCAAlternateLabelExplanation	AVP107	O	String	1/225	0 to 1	The explanation of the differences between the item as sold under another label.	AVP NABCA
nABCAAlternatePercentOfAlcoholByVolume	NABCA Alternate Percentage Of Alcohol By Volume	nABCAAlternatePercentageOfAlcoholByVolume	AVP105	O	Decimal	1/3,1	0 to 2	The proof of the item as sold under another label.	AVP NABCA
nABCABottlerName	NABCA Bottler Name	nABCABottlerName	AVP102	O	String	1/225	0 to 1	The year or vintage of the beverage.	AVP NABCA
nABCADiscountApplied	NABCA Discount Applied	nABCADiscountApplied	AVP115	O	Decimal	1/15,2	0 to 1	Any discounts applied to the price of the item.	AVP NABCA
nABCAIsImportedItemInbound	NABCA Is Imported Item Inbound?	nABCAIsImportedItemInbound	AVP100	O	Boolean		0 to 1	An indication of whether or not the product is imported and being admitted into the US provisionally without payment or duties.	AVP NABCA

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				GDSN CIN AVP Extension Attribute Map					
nABCAIsSoldUnder AnyOtherLabel	NABCA Is Sold Under Any Other Label	nABCAIsSoldUnder AnyOtherLabel	AVP104	O	Boolean		0 to 1	Indication if the item can be sold under a label other than the one being referenced on the form.	AVP NABCA
nABCAItemFOBPoi nt	NABCA Item FOB Point	nABCAItemFOBPoi nt	AVP109	O	String	1/225	0 to 1	Point at which the item is legally the property of the purchaser.	AVP NABCA
nABCAItemShipPoi nt	NABCA Item Ship Point	nABCAItemShipPoi nt	AVP108	O	String	1/225	0 to 1	Point from which the item is shipped.	AVP NABCA
nABCAMarineInsur ance	NABCA Marine Insurance	nABCAMarineInsur ance	AVP113	O	Decimal	1/15,2	0 to 1	Insurance for shipping overseas.	AVP NABCA
nABCANetCostFOB ShipPoint	NABCA Net Cost FOB Ship Point	nABCANetCostFOB ShipPoint	AVP110	O	Decimal	1/15,2	0 to 1	Cost of the item at the freight on board point, without any shipping charges, bailment charges, or any discounts applied.	AVP NABCA
nABCAOceanFreigh t	NABCA Ocean Freight	nABCAOceanFreigh t	AVP112	O	Decimal	1/15,2	0 to 1	Shipping charges for the item overseas.	AVP NABCA
nABCAOrderType	NABCA Order Type	nABCAOrderType	AVP098	O	String	2/2	0 to 1	Products are either State Stock, Bailment, or Special Purchase Order Plan. State Stock items are stocked by the state. Bailment items are when a state rents space in a warehouse and the supplier pays a fee to store the items there. Special	AVP NABCA

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								Purchase Order Plan indicates whether the item is a special listing. This attribute identifies, which of these three order types is appropriate.	
nABCAPriceRemarks	NABCA Price Remarks	nABCAPriceRemarks	AVP116	O	String	1/225	0 to 1	Any remarks associated with the case price and/or the difference in the current price compared to the previous price.	AVP NABCA
nABCAPricingTerms	NABCA Pricing Terms	nABCAPricingTerms	AVP117	O	String	1/225	0 to 1	The terms that the state agreed to pay for the product.	AVP NABCA
nABCARepresentativeForTheStateAddress	NABCA Representative For The State Address	nABCARepresentativeForTheStateAddress	AVP119	O	String	1/225	0 to 1	Address of State Representative.	AVP NABCA
nABCARepresentativeForTheStateFax	NABCA Representative For The State Fax	nABCARepresentativeForTheStateFax	AVP122	O	Integer	10/10	0 to 1	Fax number of State Representative.	AVP NABCA
nABCARepresentativeForTheStateLicenseNum	NABCA Representative For The State License Number	nABCARepresentativeForTheStateLicenseNumber	AVP120	O	String	1/225	0 to 1	License Number of State Representative.	AVP NABCA

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
nABCARepresentativeForTheStateName	NABCA Representative For The State Name	nABCARepresentativeForTheStateName	AVP118	O	String	1/225	0 to 1	Identifies this particular supplier's State Representative.	AVP NABCA
nABCARepresentativeForTheStateTelephone	NABCA Representative For The State Telephone	nABCARepresentativeForTheStateTelephone	AVP121	O	Integer	10/10	0 to 1	Telephone number of State Representative.	AVP NABCA
nABCASupplierAddress	NABCA Supplier Address	nABCASupplierAddress	AVP125	O	String	1/225	0 to 1	Supplier's Address.	AVP NABCA
nABCASupplierFax	NABCA Supplier Fax	nABCASupplierFax	AVP127	O	Integer	10/10	0 to 1	Supplier's fax number.	AVP NABCA
nABCASupplierFederalIDNumber	NABCA Supplier Federal ID Number	nABCASupplierFederalIDNumber	AVP124	O	String	1/225	0 to 1	Supplier's Federal Identification Number.	AVP NABCA
nABCASupplierStateLicensePermitNumber	NABCA Supplier State License Permit Number	nABCASupplierStateLicensePermitNumber	AVP123	O	String	1/225	0 to 1	Supplier's state license or permit number.	AVP NABCA
nABCASupplierTelephone	NABCA Supplier Telephone	nABCASupplierTelephone	AVP126	O	Integer	10/10	0 to 1	Supplier's telephone.	AVP NABCA
nABCAUSFreight	NABCA US Freight	nABCAUSFreight	AVP111	O	Decimal	1/15,2	0 to 1	Shipping charges for the item within the U.S.	AVP NABCA

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
nationalSanitationF oundationComplian t	National Sanitation Foundation Compliant?	nationalSanitationF oundationComplian t	AVP516	O	Boolean		0 to 1	Indicates whether or not the product has certification for food safety and water quality from the National Sanitation Foundation (NSF).	AVP ELECTRONICS & APPLIANCES
navigationalFeatur es	Navigational Features	navigationalFeatur es	AVP896	O	String	1/70	0 to 5	Indicates the installed GPS Navigational Features included with the product. Examples: Auto Sort Multiple Destinations, FM Traffic Enabled, MSN Direct Traffic Enabled, XM Nav Traffic Enabled, Lane Guidance.	AVP ELECTRONICS & APPLIANCES
neckType	Neck Type	neckType	AVP517	O	String	1/70	0 to 1	Describes the type of neck the product has.	AVP ELECTRONICS & APPLIANCES
nestingOverlap	Nesting Overlap	nesting	AVP853	O	Decimal	1/7,4	0 to 1	Amount that a product will nest into another when stacked. Calculated as the difference between the height of one product multiplied by 2 and the height of 2 products stacked.	AVP AUSTRALIA
nestingOverlapUO M	Nesting Overlap UOM	nestingUOM	AVP854	O	String	1/3	0 to 1	The unit of measurement associated with the nesting overlap.	AVP AUSTRALIA
networkHubCompu terCompatibility	Network Hub Computer	networkHubCompu terCompatibility	AVP518	O	String	1/70	0 to 4	Describes which computer type the product is compatibility with; IBM,	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
	Compatibility							Apple, Notebook, etc.	
networkingStatus	Networking Status	networkingStatus	AVP520	O	String	1/70	0 to 1	Indicates whether the networking feature of the product is installed or ready to be installed.	AVP ELECTRONICS & APPLIANCES
networkingTechnol ogyType	Networking Technology Type	networkingTechnol ogyType	AVP521	O	String	1/70	0 to 3	Describes the product's type of networking technology.	AVP ELECTRONICS & APPLIANCES
networkProductTyp e	Network Product Type	networkProductTyp e	AVP519	O	String	1/70	0 to 1	Describes the product's type of Network Product.	AVP ELECTRONICS & APPLIANCES
nitsOfMonitorBright ness	Nits Of Monitor Brightness	nitsOfMonitorBright ness	AVP522	O	Integer	1/4	0 to 1	Indicates the measure of the monitor's brightness. Measured in Nits, equal to one candela per square meter.	AVP ELECTRONICS & APPLIANCES
nonGTINPalletDept h	Non GTIN Pallet Depth	palletDepth	AVP855	O	Decimal	1/15,4	0 to 1	The depth of the pallet load of goods.	AVP AUSTRALIA
nonGTINPalletDept hUOM	Non GTIN Pallet Depth UOM	palletDepthUOM	AVP856	O	String	1/3	0 to 1	The unit of measurement associated with the non GTIN pallet depth.	AVP AUSTRALIA
nonGTINPalletGros sWeight	Non GTIN Pallet Gross Weight	unitLoadGrossWeig ht	palletGrossWei ght	Core Attribute	O	Decimal	1/38,15	0 to 1	See Attribute Page in IM Participant Dictionary
nonGTINPalletHeig ht	Non GTIN Pallet Height	unitLoadHeight	palletHeight	Core Attribute	O	Decimal	1/38,15	0 to 1	See Attribute Page in IM Participant

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
									Dictionary
nonGTINPalletNet Weight	Non GTIN Pallet Net Weight	palletNetWeight	AVP857	O	Decimal	1/15,4	0 to 1	Net weight of the pallet load of goods. The net weight includes the total weight of the contents of the pallet, but excludes the actual pallet itself.	AVP AUSTRALIA
nonGTINPalletNet WeightUOM	Non GTIN Pallet Net Weight UOM	palletNetWeightUO M	AVP858	O	String	1/3	0 to 1	The unit of measurement associated with the non GTIN pallet net weight.	AVP AUSTRALIA
nonGTINPalletVolu me	Non GTIN Pallet Volume	palletVolume	AVP859	O	Decimal	1/18,7	0 to 1	The cube or volume of the pallet load of goods in cubic metres.	AVP AUSTRALIA
nonGTINPalletVolu meUOM	Non GTIN Pallet Volume UOM	palletVolumeUOM	AVP860	O	String	1/3	0 to 1	The unit of measurement associated with the non GTIN pallet volume.	AVP AUSTRALIA
nonGTINPalletWidt h	Non GTIN Pallet Width	palletWidth	AVP861	O	Decimal	1/15,4	0 to 1	The width of the pallet load of goods. The width side of the pallet is the side with the forklift arm openings.	AVP AUSTRALIA
nonGTINPalletWidt hUOM	Non GTIN Pallet Width UOM	palletWidthUOM	AVP862	O	String	1/3	0 to 1	The unit of measurement associated with the non GTIN pallet width.	AVP AUSTRALIA
noOfIdenticalMedici neContainersOrDev icesC1	No of Identical Medicine Containers or	noOfIdenticalMedici neContainersOrDev icesC1	AUS113	O	integer	1/4	0..1	For medicines: The number of times the same container type appears in the packaged product. For devices:	AVP Australian Healthcare

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
	Devices C1							The number of times the same device type appears in the packaged product.	
noOfIdenticalMedicineContainersOrDevicesC1	Medicine Device Unit Name C1D1	noOfIdenticalMedicineContainersOrDevicesC1	AUS113	O	integer	1/4	0..1	For medicines: The number of times the same container type appears in the packaged product. For devices: The number of times the same device type appears in the packaged product.	AVP Australian Healthcare
noOfIdenticalMedicineContainersOrDevicesC2	No of Identical Medicine Containers or Devices C2	noOfIdenticalMedicineContainersOrDevicesC2	AUS114	O	integer	1/4	0..1	For medicines: The number of times the same container type appears in the packaged product. For devices: The number of times the same device type appears in the packaged product.	AVP Australian Healthcare
noOfIdenticalMedicineContainersOrDevicesC2	Medicine Device Unit Name C2D1	noOfIdenticalMedicineContainersOrDevicesC2	AUS114	O	integer	1/4	0..1	For medicines: The number of times the same container type appears in the packaged product. For devices: The number of times the same device type appears in the packaged product.	AVP Australian Healthcare
noOfIdenticalMedicineContainersOrDevicesC3	No of Identical Medicine Containers or Devices C3	noOfIdenticalMedicineContainersOrDevicesC3	AUS115	O	integer	1/4	0..1	For medicines: The number of times the same container type appears in the packaged product. For devices: The number of times the	AVP Australian Healthcare

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								same device type appears in the packaged product.	
noOfIdenticalMedicineContainersOrDevicesC3	Medicine Device Unit Name C3D1	noOfIdenticalMedicineContainersOrDevicesC3	AUS115	O	integer	1/4	0..1	For medicines: The number of times the same container type appears in the packaged product. For devices: The number of times the same device type appears in the packaged product.	AVP Australian Healthcare
noOfIdenticalMedicineContainersOrDevicesC4	No of Identical Medicine Containers or Devices C4	noOfIdenticalMedicineContainersOrDevicesC4	AUS116	O	integer	1/4	0..1	For medicines: The number of times the same container type appears in the packaged product. For devices: The number of times the same device type appears in the packaged product.	AVP Australian Healthcare
noOfIdenticalMedicineContainersOrDevicesC4	Medicine Device Unit Name C4D1	noOfIdenticalMedicineContainersOrDevicesC4	AUS116	O	integer	1/4	0..1	For medicines: The number of times the same container type appears in the packaged product. For devices: The number of times the same device type appears in the packaged product.	AVP Australian Healthcare
noOfIdenticalMedicineContainersOrDevicesC5	No of Identical Medicine Containers or Devices C5	noOfIdenticalMedicineContainersOrDevicesC5	AUS117	O	integer	1/4	0..1	For medicines: The number of times the same container type appears in the packaged product. For devices: The number of times the same device type appears in	AVP Australian Healthcare

GDSN CIN AVP Extension Attribute Map

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								the packaged product.	
noOfIdenticalMedici neContainersOrDev icesC5	Medicine Device Unit Name C5D1	noOfIdenticalMedici neContainersOrDev icesC5	AUS117	O	integer	1/4	0..1	For medicines: The number of times the same container type appears in the packaged product. For devices: The number of times the same device type appears in the packaged product.	AVP Australian Healthcare
notebookBatteryCe llTypeAndQuantity	Notebook Battery Cell Type And Quantity	notebookBatteryCe llTypeAndQuantity	AVP523	O	String	1/70	0 to 1	Describes the battery and the number of cells it has.	AVP ELECTRONICS & APPLIANCES
notebookProcessor Types	Notebook Processor Types	notebookProcessor Types	AVP524	O	String	1/70	0 to 1	Indicates the processor type and speed for notebook computers.	AVP ELECTRONICS & APPLIANCES
numberOfBaseUnit s	Number Of Base Units	numberOfBaseUnit s	AVP863	O	Integer	1/8	0 to 1	The number of base unit (lowest level) products contained within this product.	AVP AUSTRALIA
numberOfProgram mableTracks	Number Of Programmable Tracks	numberOfProgram mableTracks	AVP525	O	Integer	1/8	0 to 1	Indicates the number of programmable tracks the product contains.	AVP ELECTRONICS & APPLIANCES
numberOfServings PerPackageDecimal	Number Of Servings Per Package Decimal	numberOfServings PerPackageDecimal	AVP999	O	ufloat	1/10	0..1	For decimal usage only. The total number of servings contained in the package.	AVP FOOD & BEVERAGE

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
numberOfServings RangeDescription	Number Of Servings Range Description	numberOfServings RangeDescription	AVP1000	O	string	1/75	0..Many	A text description describing the range of servings/portions contained within a trade item	AVP FOOD & BEVERAGE
nutrientRelevantDa taProvided	nutrientReleva ntDataProvide d	nutrientRelevantDa taProvided	AVP962	O	boolean		0 or 1	Nutrient Information is populated for those values which are relevant or required to be populated on the product label or label equivalent. All values not populated are not relevant or not required to be populated on the product label by local regulations.	AVP FOOD & BEVERAGE
nutrientValueDeriv ation	nutrientValueD erivation	nutrientValueDeriv ation	AVP958	O	String	1/70	0 or 1	The derivation of the values, percent of intake and quantity contained, provided in the nutrient class.	AVP FOOD & BEVERAGE
nutritionalClaimNut ritionElement	Nutritional Claim Nutrition Element	nutritionalClaimNut ritionElement	AVP1001	O	string	1/200	0..Many	The specific ingredient, vitamin, nutrient or general information associated to the claim type.	AVP FOOD & BEVERAGE
nutritionalClaimTyp eCode	Nutritional Claim Type Code	nutritionalClaimTyp eCode	AVP1002	O	string	1/70	0..Many	The action or type of claim being made about some nutritional information.	AVP FOOD & BEVERAGE
nzMedicinesTermin ologyCode	New Zealand Medicines Terminology	nzMedicinesTermin ologyCode	AUS019	O	string	1/18	0..1	For medicines used within NZ healthcare, the code assigned by NZULM (New	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
	Code							Zealand List of Medicines).	
nzMedicinesTerminologyCode	Component 1 Information	nzMedicinesTerminologyCode	AUS019	O	string	1/18	0..1	For medicines used within NZ healthcare, the code assigned by NZULM (New Zealand List of Medicines).	AVP Australian Healthcare
ohmsOfImpedance	Ohms Of Impedance	ohmsOfImpedance	AVP526	O	Decimal	1/7,7	0 to 1	Indicates the impedance of the product measured in ohms.	AVP ELECTRONICS & APPLIANCES
openedTradeItemLifespan	Opened Trade Item Lifespan	openedTradeItemLifespan	AVP097	O	Integer	1/6	0 to 100	The number of days that a trade item can remain on the shelf after it has been opened, before it must then be removed. The number of days is counted from the Date of manufacture. The number of days determined in the "must sell by Date" is applicable to the each level. When the master item is received it has an ultimate shelf life number of days on it. For example, the ultimate number of days for a ham is 180. The manufacturer advises the retailer that once it's open the item is good for 7 days. That 7 days is used to create the label for the consumer. When the	AVP MANUFACTURING, HANDLING, & DELIVERY

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								consumer buys some of the ham, the label will have the best before Date which is based on the 7 days.	
operatingSystem	Operating System	operatingSystem	AVP527	O	String	1/70	0 to 5	Indicates the type of operating system which is installed on the machine or, which type of operating system the peripheral is compatible with.	AVP ELECTRONICS & APPLIANCES
opticalDriveLoadTy pe	Optical Drive Load Type	opticalDriveLoadTy pe	AVP528	O	String	1/70	0 to 1	Indicates whether the product has a slot loading DVD player or a tray style.	AVP ELECTRONICS & APPLIANCES
opticalDriveType	Optical Drive Type	opticalDriveType	AVP529	O	String	1/70	0 to 3	Indicates the type of optical drive that is included in the product.	AVP ELECTRONICS & APPLIANCES
optionalCellularSer vices	Optional Cellular Services	optionalCellularSer vices	AVP530	O	String	1/70	0 to 1	Identifies the other services, which are available with the product at an additional cost.	AVP ELECTRONICS & APPLIANCES
OwnLabelPrivateLa bel	Own Label/Private Label	isPrivateLabel	Core Attribute	O	Boolean		0 to 1	See Attribute Page in IM Participant Dictionary	Located on IM Global tab; not found on AVP
packagingCategory	Packaging Category	packagingCategory	AVP006	O	String	1/6	0 to 100	Identifies the hierarchical level of the packaging element, i.e. primary, secondary or tertiary. For example: a bottle in a	AVP PACKAGING

The table title row reads: **GDSN CIN AVP Extension Attribute Map**

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								cardboard box displayed on a shelf. The primary hierarchical level is the bottle (plastic or glass), the secondary level would be the box (cardboard), and the tertiary level would be the film around the pallet.	
packagingMarkedLabelAccreditationCode	packagingMarkedLabelAccreditationCode	packagingMarkedLabelAccreditationCode	AVP964	O	String	1/70	0 or More	A label that the trade item received recognition, endorsement, certification by following guidelines by the label issuing agency.	AVP Packaging
packagingMaterialLaunchDate	Packaging Material Launch Date	packagingMaterialLaunchDate	AVP875	O	Date		0 to 1	The first date that a change in packaging material has occurred and does not result in a new GTIN at any level of the item hierarchy, such as an increase or decrease in packaging material and is delivered to the retailer. If you have multiple factories producing the packaging, use the weighted average date. Rules: If any of these attributes change a new date must be submitted: Net Content, Packaging Material Performance, Distance Each Packaging Material Traveled	AVP PACKAGING

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								To Point Of Packaging, Usable Product Volume, Usable Product Volume UoM, (calculation using ProductVolume/depth x Height x width of selling unit), Packaging Material, Packaging Type, Packaging Weight, Packaging Weight UoM, Pallet Type Code.	
packagingMaterialP erformance	Packaging Material Performance	packagingMaterialP erformance	AVP876	O	String	1/1	0 to 1	This attribute provides a status of packaging performance based on testing in relationship to minimizing trade item damages. Statuses include: a. (First submission of packaging (use for new trade items or existing trade items without packaging changes)) b. (Similar or equal to current packaging (use if there is no change to the performance of the packaging)) c. (Improved packaging performance(use if the new packaging improves the performance than the	AVP PACKAGING

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								previous packaging)) d. (Reduced packaging performance (use if the new packaging reduces the performance than the previous packaging))	
packagingWeight	Packaging Weight	packagingWeight	AVP093	O	Decimal	1/38,15	0 to 100	Packaging weight is the physical weight of the packaging itself, minus the contents and may be provided at all levels.	AVP PACKAGING
packagingWeightU OM	Packaging Weight UOM	packagingWeightU nitOfMeasure	AVP094	O	String	1/3	0 to 100	The unit of measurement associated with the packaging weight.	AVP PACKAGING
paperBrightness	Paper Brightness	paperBrightness	AVP531	O	Integer	1/4	0 to 1	Describes the reflectivity of the paper, not the whiteness.	AVP ELECTRONICS & APPLIANCES
paperFinishType	Paper Finish Type	paperFinishType	AVP532	O	String	1/70	0 to 1	Describes the type of finish of the paper.	AVP ELECTRONICS & APPLIANCES
paperShredCapacit y	Paper Shred Capacity	paperShredCapacit y	AVP533	O	Integer	1/4	0 to 1	Indicates the number of sheets of paper the shredder can shred at one time.	AVP ELECTRONICS & APPLIANCES
paperSize	Paper Size	paperSize	AVP534	O	String	1/70	0 to 1	Indicates the size of the sheet of paper.	AVP ELECTRONICS & APPLIANCES
paperTrayType	Paper Tray Type	paperTrayType	AVP535	O	String	1/70	0 to 5	Indicates the type of paper tray included with the product; 4x6, adjustable,	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								8.5x11.	
partyReceivingPrivateData1	Party Receiving Private Data 1	PartyReceivingPrivateData1	TMX174	O	Non-Negative Integer	13/13	0 or More	Indication of the GLN for the party receiving the private data.	AVP SINFOS
partyReceivingPrivateData2			TMX175						
partyReceivingPrivateData3	Party Receiving Private Data 2		TMX176						
partyReceivingPrivateData4	Party Receiving Private Data 3		TMX177						
partyReceivingPrivateData5			TMX178						
partyReceivingPrivateData6	Party Receiving Private Data 4		TMX179						
partyReceivingPrivateData7	Party Receiving Private Data 5		TMX180						
partyReceivingPrivateData8			TMX181						
partyReceivingPrivateData9	Party Receiving Private Data 6		TMX182						
partyReceivingPrivateData10	Party Receiving Private Data 7		TMX183						
partyReceivingPrivateData11			TMX184						
partyReceivingPriv	Party Receiving Private Data 8		TMX185						
	Party		TMX186						
			TMX187						
			TMX188						

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
			GDSN CIN AVP Extension Attribute Map						
ateData12 partyReceivingPriv ateData13 partyReceivingPriv ateData14 partyReceivingPriv ateData15	Receiving Private Data 9 Party Receiving Private Data 10 Party Receiving Private Data 11 Party Receiving Private Data 12 Party Receiving Private Data 13 Party Receiving Private Data 14 Party Receiving Private Data 15								

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
paymentMethod	Payment Method	paymentMethod	AVP787	O	String	1/70	0 to 1	Describes the cellular phone service payment method.	AVP ELECTRONICS & APPLIANCES
pBSOrRPBS	PBS/RPBS	pBSOrRPBS	AUS020	O	string	1/4	0..1	A Code to indicate whether the product is listed on the Pharmaceutical Benefits Scheme or the Repatriation Pharmaceutical Benefits Scheme	AVP Australian Healthcare
pBSOrRPBS	Prostheses Rebate Code	pBSOrRPBS	AUS020	O	string	1/4	0..1	A Code to indicate whether the product is listed on the Pharmaceutical Benefits Scheme or the Repatriation Pharmaceutical Benefits Scheme	AVP Australian Healthcare
pCKeyboardInput	PC Keyboard Input?	pCKeyboardInput	AVP536	O	Boolean		0 to 1	Indicates whether or not the product has a connection to hook up a PC keyboard.	AVP ELECTRONICS & APPLIANCES
pcTypeForWebcam Design	PC Type For Webcam Design	pcTypeForWebcam Design	AVP537	O	String	1/70	0 to 1	Describes the type of computer for, which the webcam was designed.	AVP ELECTRONICS & APPLIANCES
pDAIneterfaceMeth od	PDA Ineterface Method	pDAIneterfaceMeth od	AVP538	O	String	1/70	0 to 3	Describes the method of how the PDA interfaces with a computer.	AVP ELECTRONICS & APPLIANCES
peakPowerHandling Watts	Peak Power Handling Watts	peakPowerHandling Watts	AVP539	O	Integer	1/8	0 to 1	Indicates the amount of power a speaker can handle during a brief musical burst. Measured in Watts.	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
percentageOfEnlar gement	Percentage Of Enlargement	percentageOfEnlar gement	AVP540	O	Integer	1/6	0 to 1	Indicates the maximum percentage of change the product can enlarge from original size.	AVP ELECTRONICS & APPLIANCES
percentageOfReduc tion	Percentage Of Reduction	percentageOfReduc tion	AVP541	O	Integer	1/6	0 to 1	Indicates the maximum percentage of change the product can reduce from original size.	AVP ELECTRONICS & APPLIANCES
percussionInstrum entType	Percussion Instrument Type	percussionInstrum entType	AVP542	O	String	1/70	0 to 1	Describes the product's type of percussion instrument.	AVP ELECTRONICS & APPLIANCES
personOrDepartme ntName	Person Or Department Name	personOrDepartme ntName	AVP053	O	String	1/150	0 to 100	The name of the individual or department that can be contacted to provide additional information.	AVP MARKETING & CONTACT INFORMATION
phoneAccessorySty le	Phone Accessory Style	phoneAccessorySty le	AVP543	O	String	1/70	0 to 2	Describes the style of the phone accessory.	AVP ELECTRONICS & APPLIANCES
phoneType	Phone Type	phoneType	AVP544	O	String	1/70	0 to 3	Describes the product's phone type.	AVP ELECTRONICS & APPLIANCES
photoAccessoryTyp e	Photo Accessory Type	photoAccessoryTyp e	AVP545	O	String	1/70	0 to 1	Describes the product's photo class.	AVP ELECTRONICS & APPLIANCES
photoPrintSpeed	Photo Print Speed	photoPrintSpeed	AVP546	O	Decimal	1/7,7	0 to 1	Indicates the product's photo print speed, which is measured in Pages per	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								Minute (PPM).	
pickupType	Pickup Type	pickupType	AVP547	O	String	1/70	0 to 1	Describes the product's pickup type. Pickup picks up vibration and converts to an electrical pulse.	AVP ELECTRONICS & APPLIANCES
pictureViewCapability	Picture View Capability	pictureViewCapability	AVP548	O	String	1/70	0 to 1	Indicates the product's ability to view digital photographs via a digital card reader.	AVP ELECTRONICS & APPLIANCES
pixelResponseTime	Pixel Response Time	pixelResponseTime	AVP549	O	Integer	1/4	0 to 1	Indicates the amount of time it takes for pixels to change colors.	AVP ELECTRONICS & APPLIANCES
pixelResponseTime UOM	Pixel Response Time UOM	pixelResponseTime UOM	AVP550	O	String	1/70	0 to 1	The unit of measurement associated with Pixel Response Time.	AVP ELECTRONICS & APPLIANCES
placeOfBirth	Place Of Birth	placeOfBirth	DAS023	O	String	1/255	0 or more	The place the mammal, species was born.	AVP MANUFACTURING, HANDLING, & DELIVERY
placeOfProvenance	Place of Provenance	placeOfProvenance	DAS022	O	String	1/255	0 or more	The place a trade item originates from.	AVP MANUFACTURING, HANDLING, & DELIVERY
placeOfRearing	Place of Rearing	placeOfRearing	DAS024	O	String	1/255	0 or more	The place the mammal, species was raised after birth to the end of the animals' life	AVP MANUFACTURING, HANDLING, & DELIVERY
placeOfSlaughter	Place of Slaughter	placeOfSlaughter	DAS025	O	String	1/255	0 or more	The place the mammal, species was killed to be processed for food, or other	AVP MANUFACTURING, HANDLING, &

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
									GDSN CIN AVP Extension Attribute Map
								purposes.	DELIVERY
plateCapacity	Plate Capacity	plateCapacity	AVP551	O	Integer	1/4	0 to 1	Indicates the number of plates the product can hold.	AVP ELECTRONICS & APPLIANCES
pLUNumber	PLU Number	pLUNumber	AVP079	O	String	1/14	0 to 100	A code used to indicate a Price Look Up Number for an existing random weight item. Only used for items that have been assigned an industry PLU or proprietary PLU and that are utilized through a weighing system through the scales at the back or the front registers.	AVP PACKAGING
pointingDeviceType	Pointing Device Type	pointingDeviceType	AVP552	O	String	1/70	0 to 1	Describes the product's type pointing device (mouse).	AVP ELECTRONICS & APPLIANCES
portableKitType	Portable Kit Type	portableKitType	AVP553	O	String	1/70	0 to 1	Describes the product's type of kit.	AVP ELECTRONICS & APPLIANCES
portionControl	Portion Control	portionControl	MCD020	O	string	1/1	0..1	Identifies if item requires portion control: bulk vs prepackaged. Typically not put in a recipe if it is portion controlled	AVP McDonald's
postConsumerRecy cledMaterialConten t	Post Consumer Recycled %	postConsumerRecy cledMaterialConten t	FFC001	O	Decimal	1/5,2	0 to 1	Identifies the percentage of post-consumer material that has been used to make this trade item.	Located on Office Extension; not found on AVP

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
			GDSN CIN AVP Extension Attribute Map						
powerProtectionType	Power Protection Type	powerProtectionType	AVP554	O	String	1/70	0 to 1	Describes the product's power spike protection type.	AVP ELECTRONICS & APPLIANCES
preamplifierVoltage	Pre-amplifier Voltage	preamplifierVoltage	AVP555	O	Integer	1/4	0 to 1	Indicates the amount of pre-amplifier voltage the product contains. Measured in Volts.	AVP ELECTRONICS & APPLIANCES
preliminaryItemStatusCode	Preliminary Item Status Code	preliminaryItemStatusCode	AVP1010	O	string	1/70	0..1	A code designating whether the trade item has data that the information provider intends to correct or add values to due to pre-production unknowns (PRELIMINARY) or whether the item has attribute values that reflect go to market state (FINAL).	AVP DESCRIPTION
presentationAcceptanceDateTime	Presentation Acceptance Date Time	presentationPresentationAcceptanceDateTime	AVP070	O	DateTime		0 to 100	The Date and time terms for submitting and item for presentation were accepted by the vendor. The information is used for auditing purposes.	AVP MARKETING & CONTACT INFORMATION
pricingPack	Pricing Pack	suggestedConsumerPack	Core Attribute	O	Integer	1/6	0 to 1	See Attribute Page in IM Participant Dictionary	Located on IM DSD Attributes tab; not found on AVP
processorBrandNameAndSpeed	Processor Brand Name	processorBrandNameAndSpeed	AVP556	O	String	1/70	0 to 1	Describes the product's speed and brand of installed	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
									GDSN CIN AVP Extension Attribute Map
	And Speed							processor.	
productionFacilityContactAddress	Production Facility Contact Address	productionFacilityContactAddress	AVP1003	O	string	1/500	0..1	The address of a physical location consisting of one or more buildings with facilities for manufacturing.	AVP MARKETING & CONTACT INFORMATION
productionFacilityContactName	Production Facility Contact Name	productionFacilityContactName	AVP1004	O	string	1/200	0..1	The name of a physical location consisting of one or more buildings with facilities for manufacturing.	AVP MARKETING & CONTACT INFORMATION
productSeriesIdentification	Product Series Identification	productSeriesIdentification	AVP557	O	Integer	1/8	0 to 1	A specific group of products from one manufacturer that each have a base set of features; each model has slightly different features.	AVP ELECTRONICS & APPLIANCES
proprietaryMedicationDoseFormC1D1	Proprietary medication dose form C1D1	proprietaryMedicationDoseFormC1D1	AUS118	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC1D1	Countable Items C1D1	proprietaryMedicationDoseFormC1D1	AUS118	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC1D2	Proprietary medication dose form C1D2	proprietaryMedicationDoseFormC1D2	AUS119	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
proprietaryMedicationDoseFormC1D2	Countable Items C1D2	proprietaryMedicationDoseFormC1D2	AUS119	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC1D3	Proprietary medication dose form C1D3	proprietaryMedicationDoseFormC1D3	AUS120	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC1D3	Countable Items C1D3	proprietaryMedicationDoseFormC1D3	AUS120	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC1D4	Proprietary medication dose form C1D4	proprietaryMedicationDoseFormC1D4	AUS121	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC1D4	Countable Items C1D4	proprietaryMedicationDoseFormC1D4	AUS121	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC1D5	Proprietary medication dose form C1D5	proprietaryMedicationDoseFormC1D5	AUS122	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC1D5	Countable Items C1D5	proprietaryMedicationDoseFormC1D5	AUS122	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								structure of the medicine.	
proprietaryMedicati onDoseFormC2D1	Proprietary medication dose form C2D1	proprietaryMedicati onDoseFormC2D1	AUS123	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC2D1	Countable Items C2D1	proprietaryMedicati onDoseFormC2D1	AUS123	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC2D2	Proprietary medication dose form C2D2	proprietaryMedicati onDoseFormC2D2	AUS124	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC2D2	Countable Items C2D2	proprietaryMedicati onDoseFormC2D2	AUS124	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC2D3	Proprietary medication dose form C2D3	proprietaryMedicati onDoseFormC2D3	AUS125	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC2D3	Countable Items C2D3	proprietaryMedicati onDoseFormC2D3	AUS125	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati	Proprietary medication	proprietaryMedicati	AUS126	O	string	1/255	0..1	The name, owned by a company/organization, that	AVP Australian

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
onDoseFormC2D4	dose form C2D4	onDoseFormC2D4						describes the physical structure of the medicine.	Healthcare
proprietaryMedicationDoseFormC2D4	Countable Items C2D4	proprietaryMedicationDoseFormC2D4	AUS126	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC2D5	Proprietary medication dose form C2D5	proprietaryMedicationDoseFormC2D5	AUS127	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC2D5	Countable Items C2D5	proprietaryMedicationDoseFormC2D5	AUS127	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC3D1	Proprietary medication dose form C3D1	proprietaryMedicationDoseFormC3D1	AUS128	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC3D1	Countable Items C3D1	proprietaryMedicationDoseFormC3D1	AUS128	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC3D2	Proprietary medication dose form C3D2	proprietaryMedicationDoseFormC3D2	AUS129	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
proprietaryMedicati onDoseFormC3D2	Countable Items C3D2	proprietaryMedicati onDoseFormC3D2	AUS129	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC3D3	Proprietary medication dose form C3D3	proprietaryMedicati onDoseFormC3D3	AUS130	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC3D3	Countable Items C3D3	proprietaryMedicati onDoseFormC3D3	AUS130	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC3D4	Proprietary medication dose form C3D4	proprietaryMedicati onDoseFormC3D4	AUS131	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC3D4	Countable Items C3D4	proprietaryMedicati onDoseFormC3D4	AUS131	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC3D5	Proprietary medication dose form C3D5	proprietaryMedicati onDoseFormC3D5	AUS132	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC3D5	Countable Items C3D5	proprietaryMedicati onDoseFormC3D5	AUS132	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								structure of the medicine.	
proprietaryMedicati onDoseFormC4D1	Proprietary medication dose form C4D1	proprietaryMedicati onDoseFormC4D1	AUS133	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC4D1	Countable Items C4D1	proprietaryMedicati onDoseFormC4D1	AUS133	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC4D2	Proprietary medication dose form C4D2	proprietaryMedicati onDoseFormC4D2	AUS134	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC4D2	Countable Items C4D2	proprietaryMedicati onDoseFormC4D2	AUS134	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC4D3	Proprietary medication dose form C4D3	proprietaryMedicati onDoseFormC4D3	AUS135	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC4D3	Countable Items C4D3	proprietaryMedicati onDoseFormC4D3	AUS135	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati	Proprietary medication	proprietaryMedicati	AUS136	O	string	1/255	0..1	The name, owned by a company/organization, that	AVP Australian

GDSN CIN AVP Extension Attribute Map

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
onDoseFormC4D4	dose form C4D4	onDoseFormC4D4						describes the physical structure of the medicine.	Healthcare
proprietaryMedicationDoseFormC4D4	Countable Items C4D4	proprietaryMedicationDoseFormC4D4	AUS136	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC4D5	Proprietary medication dose form C4D5	proprietaryMedicationDoseFormC4D5	AUS137	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC4D5	Countable Items C4D5	proprietaryMedicationDoseFormC4D5	AUS137	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC5D1	Proprietary medication dose form C5D1	proprietaryMedicationDoseFormC5D1	AUS138	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC5D1	Countable Items C5D1	proprietaryMedicationDoseFormC5D1	AUS138	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicationDoseFormC5D2	Proprietary medication dose form C5D2	proprietaryMedicationDoseFormC5D2	AUS139	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
proprietaryMedicati onDoseFormC5D2	Countable Items C5D2	proprietaryMedicati onDoseFormC5D2	AUS139	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC5D3	Proprietary medication dose form C5D3	proprietaryMedicati onDoseFormC5D3	AUS140	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC5D3	Countable Items C5D3	proprietaryMedicati onDoseFormC5D3	AUS140	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC5D4	Proprietary medication dose form C5D4	proprietaryMedicati onDoseFormC5D4	AUS141	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC5D4	Countable Items C5D4	proprietaryMedicati onDoseFormC5D4	AUS141	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC5D5	Proprietary medication dose form C5D5	proprietaryMedicati onDoseFormC5D5	AUS142	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical structure of the medicine.	AVP Australian Healthcare
proprietaryMedicati onDoseFormC5D5	Countable Items C5D5	proprietaryMedicati onDoseFormC5D5	AUS142	O	string	1/255	0..1	The name, owned by a company/organization, that describes the physical	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								structure of the medicine.	
prosthesesRebateCode	Prostheses Rebate Code	prosthesesRebateCode	AUS021	O	string	1/5	0..1	The code used by hospitals to claim back from Department of Health & Aging (DoHA) a rebate when patients are fitted with implants.	AVP Australian Healthcare
prosthesesRebateCode	Schedule Code	prosthesesRebateCode	AUS021	O	string	1/5	0..1	The code used by hospitals to claim back from Department of Health & Aging (DoHA) a rebate when patients are fitted with implants.	AVP Australian Healthcare
publisherName	Publisher Name	publisherName	AVP899	O	String	13/70	0 to 1	The publisher of the book.	AVP PUBLISHING
publisherNameGLN	Publisher Name GLN	publisherNameGLN	AVP898	O	String	13/13	0 to 1	The GLN of the Publisher of the Book.	AVP PUBLISHING
qAMTuner	QAM Tuner?	qAMTuner	AVP558	O	Boolean		0 to 1	Indicates whether or not the product modulates data via Quadrature amplitude modulation (QAM).	AVP ELECTRONICS & APPLIANCES
qualitySupplierFileNumber	Quality Supplier File Number	qualitySupplierFileNumber	MCD021	O	string	1/10	0..1	Food item spec number on Merlin	AVP McDonald's
qualitySupplierFileVersionNumber	Quality Supplier File Version	qualitySupplierFileVersionNumber	MCD022	O	string	1/10	0..1	Food item spec version number on Merlin	AVP McDonald's

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
	Number								
quantityOf35Expan sionBays	Quantity Of 3.5 Expansion Bays	quantityOf35Expan sionBays	AVP559	O	Integer	1/4	0 to 1	Indicates the product's number of 3.5-inch expansion bays for drives.	AVP ELECTRONICS & APPLIANCES
quantityOf525Expa nsionBays	Quantity Of 5.25 Expansion Bays	quantityOf525Expa nsionBays	AVP560	O	Integer	1/4	0 to 1	Indicates the product's number of 5.25-inch expansion bays for drives.	AVP ELECTRONICS & APPLIANCES
quantityOfAudioCh annels	Quantity Of Audio Channels	quantityOfAudioCh annels	AVP561	O	String	1/70	0 to 1	Indicates the product's number of channels for the audio system.	AVP ELECTRONICS & APPLIANCES
quantityOfAudioInp uts	Quantity Of Audio Inputs	quantityOfAudioInp uts	AVP562	O	Integer	1/4	0 to 1	Indicates the product's number of audio inputs only.	AVP ELECTRONICS & APPLIANCES
quantityOfAudioOu tputs	Quantity Of Audio Outputs	quantityOfAudioOu tputs	AVP563	O	Integer	1/4	0 to 1	Indicates the product's number of audio outputs only.	AVP ELECTRONICS & APPLIANCES
quantityOfAVInputs	Quantity Of AV Inputs	quantityOfAVInputs	AVP564	O	Integer	1/4	0 to 1	Indicates the number of Audio/Video inputs that are included on the product.	AVP ELECTRONICS & APPLIANCES
quantityOfAVOutpu ts	Quantity Of AV Outputs	quantityOfAVOutpu ts	AVP565	O	Integer	1/4	0 to 1	Indicates the product's number of A/V outputs.	AVP ELECTRONICS & APPLIANCES
quantityOfBowlsInc luded	Quantity Of Bowls Included	quantityOfBowlsInc luded	AVP567	O	Integer	1/4	0 to 1	Indicates the product's number of bowls included.	AVP ELECTRONICS & APPLIANCES
quantityOfBundleH andsets	Quantity Of Bundle	quantityOfBundleH andsets	AVP568	O	Integer	1/4	0 to 1	Indicates the number of handsets, which are bundled	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
	Handsets							into the main packaging of the product.	
quantityOfCameraS hootingModes	Quantity Of Camera Shooting Modes	quantityOfCameraS hootingModes	AVP569	O	Integer	1/4	0 to 1	Indicates the number of different shooting modes there are to select from on the product.	AVP ELECTRONICS & APPLIANCES
quantityOfCoAxialI nputs	Quantity Of CoAxial Inputs	quantityOfCoAxialI nputs	AVP841	O	Integer	1/4	0 to 1	Indicates how many CoAxial Inputs the product has.	AVP ELECTRONICS & APPLIANCES
quantityOfCoAxialO utputs	Quantity Of CoAxial Outputs	quantityOfCoAxialO utputs	AVP842	O	Integer	1/4	0 to 1	Indicates how many CoAxial Outputs the product has.	AVP ELECTRONICS & APPLIANCES
quantityOfCompon entInputs	Quantity Of Component Inputs	quantityOfCompon entInputs	AVP570	O	Integer	1/4	0 to 1	Indicates the number of slots included to input components into the product.	AVP ELECTRONICS & APPLIANCES
quantityOfCompon entOutputs	Quantity Of Component Outputs	quantityOfCompon entOutputs	AVP843	O	Integer	1/4	0 to 1	Indicates how many Component Outputs this product has.	AVP ELECTRONICS & APPLIANCES
quantityOfCompon entSlots	Quantity Of Component Slots	quantityOfCompon entSlots	AVP571	O	Integer	1/4	0 to 1	Indicates the number of slots on the product to hook up component electronics.	AVP ELECTRONICS & APPLIANCES
quantityOfComposi teInputs	Quantity Of Composite Inputs	quantityOfComposi teInputs	AVP572	O	Integer	1/4	0 to 1	Indicates the product's number of composite inputs.	AVP ELECTRONICS & APPLIANCES
quantityOfComposi teOutputs	Quantity Of Composite	quantityOfComposi teOutputs	AVP844	O	Integer	1/4	0 to 1	Indicates how many Composite Outputs this	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
	Outputs							product has.	
quantityOfConnecti ngPins	Quantity Of Connecting Pins	quantityOfConnecti ngPins	AVP757	O	Integer	1/4	0 to 1	Indicates the number or connecting pins which the product's slot requires.	AVP ELECTRONICS & APPLIANCES
quantityOfContents InMultiPack	Quantity Of Contents In Multi-pack	quantityOfContents InMultiPack	AVP573	O	String	1/70	0 to 1	Indicates the quantity of the item, which are packaged together and sold as one multi-pack unit.	AVP ELECTRONICS & APPLIANCES
quantityOfControlle rButtons	Quantity Of Controller Buttons	quantityOfControlle rButtons	AVP574	O	Integer	1/4	0 to 1	Indicates the number of buttons the product has.	AVP ELECTRONICS & APPLIANCES
quantityOfCupsCap acity	Quantity Of Cups Capacity	quantityOfCupsCap acity	AVP575	O	Integer	1/4	0 to 1	Indicates the number of cups the product can hold.	AVP ELECTRONICS & APPLIANCES
quantityOfCycles	Quantity Of Cycles	quantityOfCycles	AVP576	O	Integer	1/4	0 to 1	Indicates the number of cycles the unit has.	AVP ELECTRONICS & APPLIANCES
quantityOfDedicate dVideoMemory	Quantity Of Dedicated Video Memory	quantityOfDedicate dVideoMemory	AVP577	O	Integer	1/4	0 to 1	Indicates the amount of video memory included on the product.	AVP ELECTRONICS & APPLIANCES
quantityOfDedicate dVideoMemoryUOM	Quantity Of Dedicated Video Memory UOM	quantityOfDedicate dVideoMemoryUOM	AVP578	O	String	1/70	0 to 1	The unit of measurement associated with Quantity Of Dedicated Video Memory.	AVP ELECTRONICS & APPLIANCES
quantityOfDelayed StartHours	Quantity Of Delayed Start Hours	quantityOfDelayed StartHours	AVP897	O	Integer	1/4	0 to 1	Indicates the maximum number of hours that the product can delay the start of operation. Values should be	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
								in range from 0 to 59.	
quantityOfDigitalAudioInputs	Quantity Of Digital Audio Inputs	quantityOfDigitalAudioInputs	AVP579	O	Integer	1/4	0 to 1	Indicates the number of digital audio outputs the product contains.	AVP ELECTRONICS & APPLIANCES
quantityOfDigitalAudioOutputs	Quantity Of Digital Audio Outputs	quantityOfDigitalAudioOutputs	AVP580	O	Integer	1/4	0 to 1	Indicates the number of digital audio outputs the product contains	AVP ELECTRONICS & APPLIANCES
quantityOfDigitalInputs	Quantity Of Digital Inputs	quantityOfDigitalInputs	AVP581	O	Integer	1/4	0 to 1	Indicates the total number of digital outputs the product contains, including video and audio.	AVP ELECTRONICS & APPLIANCES
quantityOfDigitalOutputs	Quantity Of Digital Outputs	quantityOfDigitalOutputs	AVP582	O	Integer	1/4	0 to 1	Indicates the total number of digital outputs the product contains, including video and audio.	AVP ELECTRONICS & APPLIANCES
quantityOfDisplayLines	Quantity Of Display Lines	quantityOfDisplayLines	AVP909	O	Integer	1/4	0 to 1	How many display lines can this product accommodate?	AVP ELECTRONICS & APPLIANCES
quantityOfDrumSoundsIncluded	Quantity Of Drum Sounds Included	quantityOfDrumSoundsIncluded	AVP583	O	Integer	1/4	0 to 1	Indicates the number of different drum sounds, which are pre-programmed into the product.	AVP ELECTRONICS & APPLIANCES
quantityOfDVIInputs	Quantity Of DVI Inputs	quantityOfDVIInputs	AVP584	O	Integer	1/4	0 to 1	Indicates the number of DVI inputs the product contains. DVI stands for Digital Visual Interface and it converts analog to digital.	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
quantityOfEffects	Quantity Of Effects	quantityOfEffects	AVP585	O	Integer	1/4	0 to 1	Indicates the number of different effects, which are pre-programmed into the product.	AVP ELECTRONICS & APPLIANCES
quantityOfFanSpee ds	Quantity Of Fan Speeds	quantityOfFanSpee ds	AVP586	O	String	1/70	0 to 1	Indicates the number of fan speeds the product contains.	AVP ELECTRONICS & APPLIANCES
quantityOfFilters	Quantity Of Filters	quantityOfFilters	AVP758	O	Integer	1/4	0 to 1	Indicates the number of filters the product contains.	AVP ELECTRONICS & APPLIANCES
quantityOfFramesP erSecond	Quantity Of Frames Per Second	quantityOfFramesP erSecond	AVP587	O	Integer	1/4	0 to 1	Indicates the number of frames per second the product records at.	AVP ELECTRONICS & APPLIANCES
quantityOfFrontAux illaryInputs	Quantity Of Front Auxillary Inputs	quantityOfFrontAux illaryInputs	AVP910	O	Integer	1/4	0 to 1	How many Front Auxillary Inputs does this product have?	AVP ELECTRONICS & APPLIANCES
quantityOfGrillSide Burners	Quantity Of Grill Side Burners	quantityOfGrillSide Burners	AVP588	O	Integer	1/4	0 to 1	Indicates the number of burners the product contains, aside from the main burner.	AVP ELECTRONICS & APPLIANCES
quantityOfHDMIInp uts	Quantity Of HDMI Inputs	quantityOfHDMIInp uts	AVP589	O	Integer	1/4	0 to 1	Indicates the number of HDMI connections the product has. HDMI, which means High-Definition Multi-media Interface, is an industry-supported, uncompressed, all-digital audio/video interface, number of connections.	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
quantityOfHDMIOu tputs	Quantity Of HDMI Outputs	quantityOfHDMIOu tputs	AVP845	O	Integer	1/4	0 to 1	Indicates how many HDMI output connections does the product has. HDMI, which means High-Definition Multi-media Interface, is an industry-supported, uncompressed, all-digital audio/video interface.	AVP ELECTRONICS & APPLIANCES
quantityOfHeads	Quantity Of Heads	quantityOfHeads	AVP590	O	Integer	1/4	0 to 1	Indicates the number of heads the product has.	AVP ELECTRONICS & APPLIANCES
quantityOfKeys	Quantity Of Keys	quantityOfKeys	AVP591	O	Integer	1/4	0 to 1	Indicates the number of keys the product has.	AVP ELECTRONICS & APPLIANCES
quantityOfLEDLight s	Quantity Of LED Lights	quantityOfLEDLight s	AVP592	O	Integer	1/4	0 to 1	The number of LED Lights the product contains.	AVP ELECTRONICS & APPLIANCES
quantityOfMegapix els	Quantity Of Megapixels	quantityOfMegapix els	AVP593	O	Decimal	1/7,7	0 to 1	Indicates the mega pixel size of, which the product takes photographs.	AVP ELECTRONICS & APPLIANCES
quantityOfMemory CardsIncluded	Quantity Of Memory Cards Included	quantityOfMemory CardsIncluded	AVP594	O	Integer	1/4	0 to 1	Indicates the number of memory cards included with the product.	AVP ELECTRONICS & APPLIANCES
quantityOfMemory PagesStored	Quantity Of Memory Pages Stored	quantityOfMemory PagesStored	AVP595	O	Integer	1/4	0 to 1	Indicates the number of pages, which can be stored in the product's memory.	AVP ELECTRONICS & APPLIANCES
quantityOfMoisture Removal	Quantity Of Moisture Removal	quantityOfMoisture Removal	AVP759	O	Integer	1/4	0 to 1	Indicates the number of pints of moisture the product can remove from the air in a 24-	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								hour period.	
quantityOfOneTouchSettings	Quantity Of One Touch Settings	quantityOfOneTouchSettings	AVP596	O	Integer	1/4	0 to 1	Indicates the number of one-touch pre-set cooking options the product contains.	AVP ELECTRONICS & APPLIANCES
quantityOfOpticalAudioInputs	Quantity Of Optical Audio Inputs	quantityOfOpticalAudioInputs	AVP597	O	Integer	1/4	0 to 1	Indicates the number of optical audio inputs the product contains.	AVP ELECTRONICS & APPLIANCES
quantityOfOpticalAudioOutputs	Quantity Of Optical Audio Outputs	quantityOfOpticalAudioOutputs	AVP598	O	Integer	1/4	0 to 1	Indicates the number of optical audio outputs the product contains.	AVP ELECTRONICS & APPLIANCES
quantityOfOutputs	Quantity Of Outputs	quantityOfOutputs	AVP599	O	Integer	1/4	0 to 1	Indicates the number of Outputs product has	AVP ELECTRONICS & APPLIANCES
quantityOfPaperTrays	Quantity Of Paper Trays	quantityOfPaperTrays	AVP600	O	Integer	1/4	0 to 1	Indicates the number of paper trays the product contains.	AVP ELECTRONICS & APPLIANCES
quantityOfPhonebookEntries	Quantity Of Phonebook Entries	quantityOfPhonebookEntries	AVP602	O	Integer	1/8	0 to 1	Indicates the number of phonebook entries the product can store.	AVP ELECTRONICS & APPLIANCES
quantityOfPhoneLinesSupported	Quantity Of Phone Lines Supported	quantityOfPhoneLinesSupported	AVP601	O	Integer	1/4	0 to 1	Indicates the number of phone lines the product can support.	AVP ELECTRONICS & APPLIANCES
quantityOfPointsOfInterest	Quantity Of Points Of Interest	quantityOfPointsOfInterest	AVP603	O	Integer	1/4	0 to 1	Indicates the number of points of interest, which are stored within the unit.	AVP ELECTRONICS & APPLIANCES
quantityOfPowerLe	Quantity Of	quantityOfPowerLe	AVP604	O	Integer	1/4	0 to 1	Indicates the number of	AVP ELECTRONICS &

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
vels	Power Levels	vels						power levels the product contains.	APPLIANCES
quantityOfPowerOutlets	Quantity Of Power Outlets	quantityOfPowerOutlets	AVP605	O	Integer	1/4	0 to 1	Indicates the number of total power outlets, which are contained on the surge protector.	AVP ELECTRONICS & APPLIANCES
quantityOfPreAmplifierOutputs	Quantity Of Pre-amplifier Outputs	quantityOfPreAmplifierOutputs	AVP606	O	Integer	1/4	0 to 1	Indicates the number of outputs the product has that are prior to the signal going through internal amplification.	AVP ELECTRONICS & APPLIANCES
quantityOfPrepaidMinutes	Quantity Of Pre-paid Minutes	quantityOfPrepaidMinutes	AVP607	O	Integer	1/8	0 to 1	Indicates the number of pre-paid minutes included with the product.	AVP ELECTRONICS & APPLIANCES
quantityOfPrintingCartridges	Quantity Of Printing Cartridges	quantityOfPrintingCartridges	AVP608	O	Integer	1/4	0 to 1	Indicates the number of ink cartridges the product takes.	AVP ELECTRONICS & APPLIANCES
quantityOfProgrammableButtons	Quantity Of Programmable Buttons	quantityOfProgrammableButtons	AVP609	O	Integer	1/4	0 to 1	Indicates the number of buttons the product contains that are programmable by the user.	AVP ELECTRONICS & APPLIANCES
quantityOfProgrammableDevices	Quantity Of Programmable Devices	quantityOfProgrammableDevices	AVP610	O	Integer	1/4	0 to 1	Indicates the number of additional devices the remote can run.	AVP ELECTRONICS & APPLIANCES
quantityOfRearAuxillaryInputs	Quantity Of Rear Auxillary	quantityOfRearAuxillaryInputs	AVP912	O	Integer	1/4	0 to 1	How many Rear Auxillary Inputs does this product	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
	Inputs							have?	
quantityOfRearAVI nputs	Quantity Of Rear AV Inputs	quantityOfRearAVI nputs	AVP611	O	Integer	1/4	0 to 1	Indicates the number of AV inputs located in the back of the product.	AVP ELECTRONICS & APPLIANCES
quantityOfRearAVO utputs	Quantity Of Rear AV Outputs	quantityOfRearAVO utputs	AVP612	O	Integer	1/4	0 to 1	Indicates the number of AV outputs located in the back of the product.	AVP ELECTRONICS & APPLIANCES
quantityOfReceiver sInBox	Quantity Of Receivers In Box	quantityOfReceiver sInBox	AVP613	O	Integer	1/4	0 to 1	Indicates the number of receivers in box.	AVP ELECTRONICS & APPLIANCES
quantityOfReprodu cibleColors	Quantity Of Reproducible Colors	quantityOfReprodu cibleColors	AVP614	O	Integer	1/4	0 to 1	Indicates the number of colors that the scanner is capable of reproducing.	AVP ELECTRONICS & APPLIANCES
quantityOfReturna bleAsset	Quantity Of Returnable Asset	quantityOfReturna bleAsset	AVP016	O	Integer	1/6	0 to 100	Indication of the number, in which, the returnable asset (empties) specified by the "GTIN of returnable asset" is assigned to the base unit or packaging item.	AVP MANUFACTURING, HANDLING, & DELIVERY
quantityOfRhythms	Quantity Of Rhythms	quantityOfRhythms	AVP615	O	Integer	1/4	0 to 1	Indicates the number of rhythms, which are built into the product.	AVP ELECTRONICS & APPLIANCES
quantityOfS_Video Outputs	Quantity Of S Video Outputs	quantityOfS_Video Outputs	AVP846	O	Integer	1/4	0 to 1	Specifies number of S Video Outputs the product contains.	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
quantityOfSeperate IsoFilters	Quantity Of Separate ISO Filters	quantityOfSeperate IsoFilters	AVP617	O	Integer	1/4	0 to 1	Indicates the number of ISO filters the product has to level out spikes. ISO is a combination of an isolator and a filter.	AVP ELECTRONICS & APPLIANCES
quantityOfShelves	Quantity Of Shelves	quantityOfShelves	AVP618	O	Integer	1/4	0 to 1	Indicates the number of shelves the product contains.	AVP ELECTRONICS & APPLIANCES
quantityOfSongsBu iltIn	Quantity Of Songs Built In	quantityOfSongsBu iltIn	AVP619	O	Integer	1/4	0 to 1	Indicates the number of songs, which are pre-built into the product.	AVP ELECTRONICS & APPLIANCES
quantityOfSoundCo nditioningLevels	Quantity Of Sound Conditioning Levels	quantityOfSoundCo nditioningLevels	AVP620	O	Integer	1/4	0 to 1	Indicates the number of settings available to set the sensitivity of reduction of unwanted noise. Example: Reduction of reverb and static.	AVP ELECTRONICS & APPLIANCES
quantityOfSpeaker s	Quantity Of Speakers	quantityOfSpeaker s	AVP621	O	Integer	1/4	0 to 1	Indicates the number of speakers included with this product.	AVP ELECTRONICS & APPLIANCES
quantityOfSpeeds	Quantity Of Speeds	quantityOfSpeeds	AVP622	O	String	1/70	0 to 1	Indicates the number of settings for fan speed included in the product.	AVP ELECTRONICS & APPLIANCES
quantityOfStainless SteelBurners	Quantity Of Stainless Steel Burners	quantityOfStainless SteelBurners	AVP623	O	Integer	1/4	0 to 1	Indicates the number of stainless steel burners included in the product.	AVP ELECTRONICS & APPLIANCES
quantityOfSVideoIn	Quantity Of S	quantityOfSVideoIn	AVP616	O	Integer	1/4	0 to 1	Indicates the number of separated video connections,	AVP ELECTRONICS &

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
puts	Video Inputs	puts						which are included in the product.	APPLIANCES
quantityOfTempera tureSettings	Quantity Of Temperature Settings	quantityOfTempera tureSettings	AVP624	O	Integer	1/4	0 to 1	Indicates the number of different levels for temperature, which are included in the product.	AVP ELECTRONICS & APPLIANCES
quantityOfTerminal Posts	Quantity Of Terminal Posts	quantityOfTerminal Posts	AVP625	O	Integer	1/4	0 to 1	Indicates the number of posts or terminals included with the product for speaker connections.	AVP ELECTRONICS & APPLIANCES
quantityOfTransmit ters	Quantity Of Transmitters	quantityOfTransmit ters	AVP626	O	Integer	1/4	0 to 1	Indicates the number of transmitters included in the product.	AVP ELECTRONICS & APPLIANCES
quantityOfUSBPort s	Quantity Of USB Ports	quantityOfUSBPort s	AVP627	O	Integer	1/4	0 to 1	Indicates the number of USB ports the Product Has.	AVP ELECTRONICS & APPLIANCES
quantityOfWattage RMS2Ohms	Quantity Of Wattage RMS At 2 Ohms	quantityOfWattage RMS2Ohms	AVP628	O	String	1/70	0 to 1	Indicates the amount of wattage RMS when at 2 ohms.	AVP ELECTRONICS & APPLIANCES
quantityOfWattage RMS4Ohms	Quantity Of Wattage RMS At 4 Ohms	quantityOfWattage RMS4Ohms	AVP629	O	String	1/70	0 to 1	Indicates the amount of wattage RMS when at 4 ohms.	AVP ELECTRONICS & APPLIANCES
radioTunerType	Radio Tuner Type	radioTunerType	AVP630	O	String	1/70	0 to 3	Indicates the type of radio tuner included in the product.	AVP ELECTRONICS & APPLIANCES
recommendedProc	Recommended Processor	recommendedProc	AVP760	O	Decimal	1/7,7	0 to 1	Indicates the processor speed that is recommended	AVP ELECTRONICS &

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map								
essorSpeed	Speed	essorSpeed						to operate the software.	APPLIANCES
recommendedProc essorSpeedUOM	Recommended Processor Speed UOM	recommendedProc essorSpeedUOM	AVP761	O	String	1/70	0 to 1	UOM for Recommended Processor Speed.	AVP ELECTRONICS & APPLIANCES
recordingFormatTy pe	Recording Format Type	recordingFormatTy pe	AVP631	O	String	1/70	0 to 1	Indicates the recording format of the product.	AVP ELECTRONICS & APPLIANCES
recordingSpeed	Recording Speed	recordingSpeed	AVP632	O	Integer	1/4	0 to 1	Indicates the maximum recording speed for the blank media. Measured in multiples of base speed.	AVP ELECTRONICS & APPLIANCES
refreshRate	Refresh Rate	refreshRate	AVP633	O	Decimal	1/7,7	0 to 1	The number of times a display's image is repainted or refreshed per second. Measured in Hertz. Hertz is a Unit of Frequency (A change of State or Cycle per second).	AVP ELECTRONICS & APPLIANCES
registeredAgentCo ntactAddress	Registered Agent Contact Address	registeredAgentCo ntactAddress	AVP1005	O	string	1/500	0..1	The address of the the party having legal responsibility for the product in the target market for example a company to which market authorization has been issued.	AVP MARKETING & CONTACT INFORMATION
registeredAgentCo ntactName	Registered Agent Contact Name	registeredAgentCo ntactName	AVP1006	O	string	1/200	0..1	The name of the the party having legal responsibility for the product in the target	AVP MARKETING & CONTACT INFORMATION

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								market for example a company to which market authorization has been issued.	
regulatedProductN ame	Regulated Product Name	regulatedProductN ame	DAS020	O	String	1/500	0 or More	The prescribed, regulated or generic product name or denomination that describes the true nature of the food and is sufficiently precise to distinguish it from other foods according to country specific regulation.	AVP FOOD
relationshipToSimil arCarriedProduct	Relationship To Similar Carried Product	relationshipToSimil arCarriedProduct	AVP059	O	String	1/150	0 to 100	A code that indicates whether the item is adding duplication to items already carried by the retailer or if the item is adding variety.	AVP PRODUCT DESCRIPTION & ALTERNATES
remoteControlProg rammingMethod	Remote Control Programming Method	remoteControlProg rammingMethod	AVP634	O	String	1/70	0 to 3	Describes the method of how the remote is programmed to operate a device(s).	AVP ELECTRONICS & APPLIANCES
remoteControlType	Remote Control Type	remoteControlType	AVP635	O	String	1/70	0 to 1	Describes the type of remote control included with the product.	AVP ELECTRONICS & APPLIANCES
replacedItemGTIN	Replaced Item GTIN	replacedByGTIN	Core Attribute	O	String	14/14	0 to 1	See Attribute Page in IM Participant Dictionary	Located on IM General tab; not found on AVP
requestorLocale	Requestor	requestorLocale	MCD024	O	string	1/2	0..1	Actually represents	AVP McDonald's

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
	Locale							requestor, not where used since only 1 country can be entered & is not updated on a later date	
requiredPowerSupp lyWattage	Required Power Supply Wattage	requiredPowerSupp lyWattage	AVP870	O	Decimal	1/5,2	0 to 1	Indicates the minimum required power supply wattage from the computer system power supply required to operate the product.	AVP ELECTRONICS & APPLIANCES
reservoirCapacity	Reservoir Capacity	reservoirCapacity	AVP636	O	Integer	1/4	0 to 1	Indicates the capacity of the liquid storage tank.	AVP ELECTRONICS & APPLIANCES
reservoirCapacityU OM	Reservoir Capacity UOM	reservoirCapacityU OM	AVP637	O	String	1/70	0 to 1	The unit of measurement associated with the Reservoir Capacity	AVP ELECTRONICS & APPLIANCES
returnablePackage DepositCurrency	Returnable Package Deposit Currency	returnablePackage DepositCurrency	AVP049	O	String	1/60	0 to 100	The currency associated with the Returnable Package Deposit.	AVP MANUFACTURING, HANDLING, & DELIVERY
returnablePackage DepositRegion	Returnable Package Deposit Region	returnablePackage DepositRegion	AVP050	O	String	1/150	0 to 100	The geographic region associated with the Returnable Package Deposit Amount.	AVP MANUFACTURING, HANDLING, & DELIVERY

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
revolutionsPerMinute	Revolutions Per Minute	revolutionsPerMinute	AVP638	O	Integer	1/6	0 to 1	Indicates the number of Revolutions Per Minute (RPM) speed settings that the unit contains.	AVP ELECTRONICS & APPLIANCES
rfidTagged	RFID Tagged	rfidTagged	AVP032	O	String	1/35	0 to 100	Code list that identifies if a product represented with this GTIN has the potential to be received with an RFID tag attached. Acceptable values are sometimes, always, or never.	AVP PACKAGING
rmsWattage	RMS Wattage	rmsWattage	AVP639	O	String	1/70	0 to 1	Indicates the Root Mean Square (RMS) wattage of the product. RMS stands for "Root Mean Square," which is a mathematical formula for finding the average amount of power a product can continuously produce.	AVP ELECTRONICS & APPLIANCES
roomSize	Room Size	roomSize	AVP640	O	Integer	1/6	0 to 1	Indicates the maximum room size the product can efficiently service.	AVP ELECTRONICS & APPLIANCES
roomSizeUOM	Room Size UOM	roomSizeUOM	AVP641	O	String	1/70	0 to 1	The unit of measurement associated with Room Size.	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
safetyDataSheetURL	Safety Data Sheet URL	safetyDataSheetURL	MCD012	O	string	1/512	0..1	URL of Safety Data Sheet; tied to Chemical Class Code	AVP McDonald's
sampleConsumerUnitSendDateTime	Sample Consumer Unit Send Date Time	sampleConsumerUnitSendDateTime	AVP072	O	DateTime		0 to 100	The Date and time that a sample consumer unit item was sent for the trade item.	AVP MARKETING & CONTACT INFORMATION
sampleSentDate	Sample Sent Date	sampleSentDate	AVP642	O	Date		0 to 1	If a Sample was sent, this is the Date field indicating the Date the sample was sent from the vendor to the required BBY address.	AVP ELECTRONICS & APPLIANCES
sampleSentToContactName	Sample Sent To Contact Name	sampleSentToContactName	AVP643	O	String	1/70	0 to 1	If a Sample was sent, this is a free form field that indicates to whom the sample was sent to at the required BBY address.	AVP ELECTRONICS & APPLIANCES
satelliteRadioAccessoryType	Satellite Radio Accessory Type	satelliteRadioAccessoryType	AVP644	O	String	1/70	0 to 5	Describes the actual accessory for satellite radio.	AVP ELECTRONICS & APPLIANCES
satelliteRadioService	Satellite Radio Service	satelliteRadioService	AVP645	O	String	1/70	0 to 3	Describes the type of satellite service the product supports.	AVP ELECTRONICS & APPLIANCES
scannerResolution	Scanner Resolution	scannerResolution	AVP646	O	String	1/70	0 to 1	Indicates the resolution of the product.	AVP ELECTRONICS & APPLIANCES
scheduleCode	Schedule Code	scheduleCode	AUS022	O	string	1/3	0..1	The code assigned to a product that reflects its	AVP Australian Healthcare

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map								
								Poison Schedule.	
scheduleCode	TGA Risk Classification	scheduleCode	AUS022	O	string	1/3	0..1	The code assigned to a product that reflects its Poison Schedule.	AVP Australian Healthcare
screenAttachmentT ype	Screen Attachment Type	screenAttachmentT ype	AVP647	O	String	1/70	0 to 1	Describes the type of screen attachment included in the product.	AVP ELECTRONICS & APPLIANCES
scrollWheelType	Scroll Wheel Type	scrollWheelType	AVP927	O	String	1/70	0 to 5	What type of Scroll Wheel does the mouse have?	AVP ELECTRONICS & APPLIANCES
seatInteriorMateria lComposition	Seat Interior Material Composition	seatInteriorMateria lComposition	AVP648	O	String	1/70	0 to 3	Describes the material composition of the interior of the seat.	AVP ELECTRONICS & APPLIANCES
secondOpticalDrive Type	Second Optical Drive Type	secondOpticalDrive Type	AVP774	O	String	1/70	0 to 1	Describes the type of second optical drive which is included in the product.	AVP ELECTRONICS & APPLIANCES
securityRemoteTyp e	Security Remote Type	securityRemoteTyp e	AVP775	O	String	1/70	0 to 1	Describes the type of remote which comes with the auto security product.	AVP ELECTRONICS & APPLIANCES
sequenceOfIngredi entEmphasised	Sequence Of Ingredient Emphasised	sequenceOfIngredi entEmphasised	AVP1007	O	integer	1/70	0..Many	The ingredientSequence that matches the ingredient that should have the text formatted to be emphasised	AVP FOOD & BEVERAGE
servingSizeWeight	servingSizeWei ght	servingSizeWeight	AVP957	O	String	1/12	0 or 1	The gram weight for the recommended serving size.	AVP FOOD & BEVERAGE
servingsPerPackag	Servings Per	servingsPerPackag	AVP953	O	Decimal	15,15	0 to 1	Note : Recommended	AVP FOOD &

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
e	Package	e						practice is to no longer use this attribute. Instead, the attributes Number of Servings Per Package (if integer) or Number of Servings Per Package Decimal (if decimal) should be used. The total number of servings contained in the package. This is an integer denoting the servings, however according to FDA/USDA labeling regulations, the value can contain provide half servings between 1 and 6 servings. For example the value can be 2.5, but can not be 10.5.	BEVERAGEAVP Food
shape	Shape	shape	AVP649	O	String	1/70	0 to 1	Indicates the shape of the product.	AVP ELECTRONICS & APPLIANCES
sHCCategory	SHC Category	sHCCategory	AVP886	O	Integer	1/2	0 to 1	SHC Category number	AVP ORDERING & SELLING
sHCDivision	SHC Division	sHCDivision	AVP885	O	Integer	1/2	0 to 1	SHC Division number	AVP ORDERING & SELLING
sHCOrderDUNS	SHC Order DUNS	sHCOrderDUNS	AVP884	O	Integer	1/11	0 to 100	Vendor Order Duns that is valid for the GLN. This is retailer assigned and a	AVP ORDERING & SELLING

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								GDSN CIN AVP Extension Attribute Map	
								supplier may have more than one order DUNS per item.	
shelfPlacementInstructions	Shelf Placement Instructions	shelfPlacementInstructions	AVP061	O	String	1/150	0 to 100	Vendor recommended description of where the item should be located in the store. This is used in plan-o-grams.	AVP MANUFACTURING, HANDLING, & DELIVERY
shelfType	Shelf Type	shelfType	AVP650	O	String	1/70	0 to 3	Describes the type of shelving included in the product..	AVP ELECTRONICS & APPLIANCES
shelfUnitDepthInMillimetres	Shelf Unit Depth In Millimetres	shelfUnitDepthInMillimetres	AVP020	O	Integer	1/5	0 to 100	Indication of the length/depth of the non-consumer shelf item measured in millimetres.	AVP MEASURES
shelfUnitHeightInMillimetres	Shelf Unit Height In Millimetres	shelfUnitHeightInMillimetres	AVP019	O	Integer	1/5	0 to 100	Indication of the height of the non-consumer shelf item measured in millimetres.	AVP MEASURES
shelfUnitWidthInMillimetres	Shelf Unit Width In Millimetres	shelfUnitWidthInMillimetres	AVP021	O	Integer	1/5	0 to 100	Indication of the width (facing) of the non-consumer shelf item measured in millimetres.	AVP MEASURES
shipFromLocationName	Ship From Location Name	shipFromLocationName	AVP737	O	String	1/70	0 to 100	The shipping point from where the supplier will ship the trade item.	AVP MANUFACTURING, HANDLING, & DELIVERY
shippingContainerContentsDescription	Shipping Container Contents	shippingContainerContentsDescription	AVP949	O	String	1/255	0 to 100	The contents of the shipping container as described on the outside of the shipping	AVP FOOD & BEVERAGE

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
	Description							container.	
sideCurtainsIncluded	Side Curtains Included	sideCurtainsIncluded	AVP762	O	Boolean		0 to 1	Indicates whether or not the product includes side curtains that are used for installation in a window.	AVP ELECTRONICS & APPLIANCES
signSystemDescription	Sign System Description	signSystemDescription	AVP651	O	String	1/50	0 to 1	Describes the Sign Systems.	AVP ELECTRONICS & APPLIANCES
silhouette	Silhouette	silhouette	AVP652	O	String	1/70	0 to 1	Describes the shape of the piece of furniture.	AVP ELECTRONICS & APPLIANCES
similarCarriedProductDescription	Similar Carried Product Description	similarCarriedProductDescription	AVP060	O	String	1/150	0 to 100	A description of products within the information provider's range of products that will be impacted by the new item.	AVP PRODUCT DESCRIPTION & ALTERNATES
singleTankRunTime	Single Tank Run Time	singleTankRunTime	AVP928	O	Integer	1/4	0 to 1	How many hours will the product run on a Single Tank?	AVP ELECTRONICS & APPLIANCES
skipProtectionBrandName	Skip Protection Brand Name	skipProtectionBrandName	AVP653	O	String	1/70	0 to 1	Indicates the vendor specific name for the skip protection.	AVP ELECTRONICS & APPLIANCES
softwareTypesIncluded	Software Types Included	softwareTypesIncluded	AVP654	O	String	1/70	0 to 3	Indicates the software types included with the product.	AVP ELECTRONICS & APPLIANCES
speakerBottomMountDepth	Speaker Bottom Mount Depth	speakerBottomMountDepth	AVP655	O	Decimal	1/9,9	0 to 1	Identifies the measurement of depth when the speaker is mounted below the mounting surface. This measurement is taken from the (end) bottom	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
								of the speaker magnet to the top of the mounting holes located on the rim of the speaker. Measured in Inches.	
speakerBottomMou ntDepthUOM	Speaker Bottom Mount Depth UOM	speakerBottomMou ntDepthUOM	AVP656	O	String	1/70	0 to 1	The unit of measurement associated with Speaker Bottom Mount Depth.	AVP ELECTRONICS & APPLIANCES
speakerDriverType	Speaker Driver Type	speakerDriverType	AVP657	O	String	1/70	0 to 1	Describes the component of a speaker that produces the sound.	AVP ELECTRONICS & APPLIANCES
speakerphoneLocat ion	Speakerphone Location	speakerphoneLocat ion	AVP663	O	String	1/70	0 to 2	Indicates the speakerphone location on the product.	AVP ELECTRONICS & APPLIANCES
speakerStandStyle	Speaker Stand Style	speakerStandStyle	AVP658	O	String	1/70	0 to 1	Describes the type of speaker, which can be supported by the stand.	AVP ELECTRONICS & APPLIANCES
speakerTopMountD epth	Speaker Top Mount Depth	speakerTopMountD epth	AVP659	O	Decimal	1/9,9	0 to 1	Indicates the measurement of depth when the speaker is mounted on top of the mounting surface. This measurement is taken from the (end) bottom of the speaker magnet to the bottom of the mounting holes located on the rim of the speaker.	AVP ELECTRONICS & APPLIANCES
speakerTopMountD epthUOM	Speaker Top Mount Depth	speakerTopMountD epthUOM	AVP660	O	String	1/70	0 to 1	The unit of measurement associated with Speaker Top	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
			GDSN CIN AVP Extension Attribute Map						
	UOM							Mount Depth.	
speakerType	Speaker Type	speakerType	AVP661	O	String	1/70	0 to 1	Describes the speaker style.	AVP ELECTRONICS & APPLIANCES
speakerUse	Speaker Use	speakerUse	AVP662	O	String	1/70	0 to 1	Indicates whether the speakers are stationary or can be portable.	AVP ELECTRONICS & APPLIANCES
standalonePrinterFunctions	Stand Alone Printer Functions	standalonePrinterFunctions	AVP664	O	String	1/70	0 to 5	Indicates the functions that can be performed with the printer as a stand alone product	AVP ELECTRONICS & APPLIANCES
standardConnectionTypesAvailable	Standard Connection Types Available	standardConnectionTypesAvailable	AVP665	O	String	1/70	0 to 3	Describes the type of standard or basic connection included on the product. These connections exist across a variety of consumer electronic products.	AVP ELECTRONICS & APPLIANCES
standbyTimeAmount	Standby Time Amount	standbyTimeAmount	AVP666	O	Integer	1/4	0 to 1	Indicates the length of time the product remains powered on while not in use.	AVP ELECTRONICS & APPLIANCES
standbyTimeUOM	Standby Time UOM	standbyTimeUOM	AVP667	O	String	1/70	0 to 1	The unit of measurement associated with Standby Time.	AVP ELECTRONICS & APPLIANCES
stereoOrMonoOutput	Stereo Or Mono Output	stereoOrMonoOutput	AVP668	O	String	1/70	0 to 2	Indicates whether the product has mono or stereo output.	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map										
subwooferSize	Subwoofer Size	subwooferSize	AVP669	O	String	1/70	0 to 1	Identifies the diameter of the subwoofer. Subwoofer is subsonic (lower than the ears threshold).	AVP ELECTRONICS & APPLIANCES
subwooferSizeUOM	Subwoofer Size UOM	subwooferSizeUOM	AVP670	O	String	1/70	0 to 1	The unit of measurement associated with the Subwoofer Size.	AVP ELECTRONICS & APPLIANCES
suggestedRetailPriceBasisPerUnit	Suggested Retail Price Basis Per Unit	suggestedRetailPriceBasisQuantity	CRE119	O	Decimal	1/38,15	0 to 1	See Attribute Page in IM Participant Dictionary	Located on IM Price & Tax tab; not found on AVP
supplierSpecifiedMinConsumerStorageDays	Supplier Specified Minimum Consumer Storage Days	supplierSpecifiedMinimumConsumerStorageDays	AVP733	O	Integer	1/4	0 to 100	The product life in number of days, which the manufacturer recommends the retailer, gives the consumer before the use by Date. Difference in days between product's "sell by Date" and it's "use by Date."	AVP MANUFACTURING, HANDLING, & DELIVERY
surroundSoundDigitalDecoderTypes	Surround Sound Digital Decoder Types	surroundSoundDigitalDecoderTypes	AVP847	O	String	1/70	0 to 10	Indicates what types of Digital Audio Surround Sound Decorders the product is compatible with. Examples: Dolby Digital 5.1, Dolby Digital EX, Not Applicable.	AVP ELECTRONICS & APPLIANCES
surroundSpeakerType	Surround Speaker Type	surroundSpeakerType	AVP671	O	String	1/70	0 to 1	Indicates the type of surround speaker the product is.	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
span GDSN CIN AVP Extension Attribute Map									
systemBus	System Bus	systemBus	AVP672	O	Integer	1/4	0 to 1	Indicates the product's system bus. System Bus is the speed at, which information flows between two or more components within the computer.	AVP ELECTRONICS & APPLIANCES
systemBusUOM	System Bus UOM	systemBusUOM	AVP673	O	String	1/70	0 to 1	The unit of measurement associated with System Bus.	AVP ELECTRONICS & APPLIANCES
televisionTechnolog yType	Television Technology Type	televisionTechnolog yType	AVP674	O	String	1/70	0 to 2	Describes the technology used on the television.	AVP ELECTRONICS & APPLIANCES
televisionTunerTyp e	Television Tuner Type	televisionTunerTyp e	AVP763	O	String	1/70	0 to 4	Describes the type of tuner with, which the product operates. Also, indicates whether or not it is integrated or ready to be installed.	AVP ELECTRONICS & APPLIANCES
tempZone	tempZone	tempZone	MCD005	O	string	1/70	0..1	McDonald's Proprietary Temp Zone for Distribution Centers	AVP McDonald's
tGARiskClassificatio n	TGA Risk Classification	tGARiskClassificatio n	AUS023	O	string	1/15	0..1	A category used to gauge the level of potential harm that a patient could experience by using a medical device.	AVP Australian Healthcare
tGARiskClassificatio n	TGA Sponsor	tGARiskClassificatio n	AUS023	O	string	1/15	0..1	A category used to gauge the level of potential harm that a patient could experience by using a medical device.	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
tGASponsor	TGA Sponsor	tGASponsor	AUS024	O	boolean		0..1	A flag to indicate whether the company associated with this catalogue is the registered TGA Sponsor.	AVP Australian Healthcare
tGASponsor	TGA Type	tGASponsor	AUS024	O	boolean		0..1	A flag to indicate whether the company associated with this catalogue is the registered TGA Sponsor.	AVP Australian Healthcare
tGAType	TGA Type	tGAType	AUS025	O	string	1/1	0..1	A flag to indicate whether a product is registered or listed with the Therapeutic Goods Administration.	AVP Australian Healthcare
tGAType	Trans Tasman ID	tGAType	AUS025	O	string	1/1	0..1	A flag to indicate whether a product is registered or listed with the Therapeutic Goods Administration.	AVP Australian Healthcare
thirdPartyContent	Does Item Data Contain Third Party Content?	thirdPartyContent	AVP1093	O	Boolean		0..1	This attribute should be set to true if the attribute data for this item contains 3rd party content.	AVP MISCELLANEOUS
toasterSlotType	Toaster Slot Type	toasterSlotType	AVP675	O	String	1/70	0 to 3	Describes the type of slot the product contains.	AVP ELECTRONICS & APPLIANCES
totalCookingArea	Total Cooking Area	totalCookingArea	AVP676	O	Integer	1/9	0 to 1	Indicates the product's total area of cooking space.	AVP ELECTRONICS & APPLIANCES
totalCookingAreaUOM	Total Cooking Area UOM	totalCookingAreaUOM	AVP677	O	String	1/70	0 to 1	The unit of measurement associated with Total	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								Cooking Area.	
totalExpansionSlots	Total Expansion Slots	totalExpansionSlots	AVP678	O	Integer	1/4	0 to 1	Identifies the number of card expansion slots are included in the product.	AVP ELECTRONICS & APPLIANCES
totalRecyclableCon tent	Total Recycled Content %	totalRecyclableCon tent	FFC002	O	Decimal	1/5,2	0 to 1		Located on Office Extension; not found on AVP
tradeItemDisplayM ethod	Trade Item Display Method	tradeItemDisplayM ethod	AVP679	O	String	1/5	0 to 1	Indicates how the product can be displayed.	AVP ELECTRONICS & APPLIANCES
tradeItemOrAcesss oryMountType	Trade Item Or Acesssory Mount Type	tradeItemOrAcesss oryMountType	AVP680	O	String	1/70	0 to 1	Describes the type of mount that the accessory is considered to be.	AVP ELECTRONICS & APPLIANCES
tradeItemsTheMou ntAccomoDates	Trade Items The Mount AccomoDates	tradeItemsTheMou ntAccomodates	AVP681	O	String	1/70	0 to 8	Indicates the product type that the mount accommoDates.	AVP ELECTRONICS & APPLIANCES
transmitterType	Transmitter Type	transmitterType	AVP682	O	String	1/70	0 to 1	Describes the type of transmitter that the product is considered to be.	AVP ELECTRONICS & APPLIANCES
transportStackingF actor	Transport Stacking Factor	transportStackingF actor	AVP956	O	Decimal	1/15,36	0 to 1	Indicates the supply chain process that the particular product may be stacked in.	AVP Manufacturing and Handling
transTasmanID	Trans Tasman ID	transTasmanID	AUS026	O	string	1/15	0..1	This is the AUST R / AUST L number of a product as recorded in the ARTG also, it is printed on the product	AVP Australian Healthcare

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
								packaging (label)t.c	
transTasmanID	Wand Number	transTasmanID	AUS026	O	string	1/15	0..1	This is the AUST R / AUST L number of a product as recorded in the ARTG also, it is printed on the product packaging (label)t.c	AVP Australian Healthcare
tubDesign	Tub Design	tubDesign	AVP683	O	String	1/70	0 to 1	Indicates the design of the tub for the dishwasher.	AVP ELECTRONICS & APPLIANCES
turntableSize	Turntable Size	turntableSize	AVP684	O	Decimal	1/9,9	0 to 1	Indicates the diameter of the turntable.	AVP ELECTRONICS & APPLIANCES
turntableSizeUOM	Turntable Size UOM	turntableSizeUOM	AVP685	O	String	1/70	0 to 1	The unit of measurement associated with Turntable Size.	AVP ELECTRONICS & APPLIANCES
tvTubeType	TV Tube Type	tvTubeType	AVP686	O	String	1/70	0 to 1	Describes the television tube type. Only assigned to tube TV subclasses.	AVP ELECTRONICS & APPLIANCES
tweeterSize	Tweeter Size	tweeterSize	AVP687	O	Decimal	1/9,9	0 to 1	Indicates the size of the tweeter in the speaker.	AVP ELECTRONICS & APPLIANCES
tweeterSizeUOM	Tweeter Size UOM	tweeterSizeUOM	AVP688	O	String	1/70	0 to 1	The unit of measurement associated with Tweeter Size.	AVP ELECTRONICS & APPLIANCES
typeOfBase	Type Of Base	typeOfBase	AVP689	O	String	1/70	0 to 1	Describes the type of base the chair includes.	AVP ELECTRONICS & APPLIANCES
typeOfBattery	Type Of Battery	typeOfBattery	AVP788	O	String	1/70	0 to 1	Describes the physical type of battery required for use with a trade item.	AVP ELECTRONICS & APPLIANCES

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
typeOfBowlIncluded	Type Of Bowl Included	typeOfBowlIncluded	AVP690	O	String	1/70	0 to 1	Describes the type of bowl that is included with the product.	AVP ELECTRONICS & APPLIANCES
typeOfEffects	Type Of Effects	typeOfEffects	AVP691	O	String	1/70	0 to 5	Describes the type of effects the product contains.	AVP ELECTRONICS & APPLIANCES
typeOfFrequencyBands	Type Of Frequency Bands	typeOfFrequencyBands	AVP692	O	String	1/70	0 to 1	The different frequency bands the product recognizes. Similar to how AM and FM are different frequency bands.	AVP ELECTRONICS & APPLIANCES
typeOfGrates	Type Of Grates	typeOfGrates	AVP693	O	String	1/70	0 to 1	Describes the cooking surface on gas stoves. If the grate is one piece for the whole unit or if each burner has an individual grate.	AVP ELECTRONICS & APPLIANCES
typeOfShredderCut	Type Of Shredder Cut	typeOfShredderCut	AVP694	O	String	1/70	0 to 3	Describes the type of shredder cut the product includes.	AVP ELECTRONICS & APPLIANCES
U01	OWN LABEL/PRIVATE LABEL (UDEX:15,IM:U01)	labelDescription	U01	O	String	1/50	0 to 1		Located on UDEX link in Extensible Tab; not found on AVP
U11	WEIGHT/VOLUME DESCRIPTION ACTUAL - ON	weightVolumeDescriptionActualOnPack	U11	O	String	1/255	0 to 1		Located on UDEX link in Extensible Tab; not found on AVP

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
	PACK(U11)								
U122	MARKETED RECIPE/STYLE OF SAUCE/MARIN ADE/DIP/DRES SING(U122)	styleOfSauceMarin adeDipDressing	U122	O	String	1/255	0 to 1		Located on UDEX link in Extensible Tab; not found on AVP
U14	NUMBER IN MULTIPACK - BASE(U14)	numberInMultipack Base	U14	O	String	1/255	0 to 1		Located on UDEX link in Extensible Tab; not found on AVP
U224	NUMBER IN PACK - BASE(U224)	numberInPackBase	U224	O	String	1/255	0 to 1		Located on UDEX link in Extensible Tab; not found on AVP
U311	NUMBER IN MULTIPACK - ACTUAL(U311)	numberInMultipack Actual	U311	O	String	1/255	0 to 1		Located on UDEX link in Extensible Tab; not found on AVP
U366	NEW/IMPROVE D CLAIM(U366)	newImprovedClaim	U366	O	String	1/255	0 to 1		Located on UDEX link in Extensible Tab; not found on AVP
U58	NUMBER IN PACK - ACTUAL(U58)	numberInPackActu al	U58	O	String	1/255	0 to 1		Located on UDEX link in Extensible Tab; not found on AVP
U78	INSTANT(U78)	instant	U78	O	String	1/255	0 to 1		Located on UDEX link in Extensible Tab; not found on AVP

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
U85	REFILL/REFILL ABLE(U85)	refillRefillable	U85	O	String	1/255	0 to 1		Located on UDEX link in Extensible Tab; not found on AVP
uMRPPrice	UMRP Price	uMRPPrice	AVP695	O	Decimal	1/25,25	0 to 1	Indicates the Universal Manufacturers Recommended Price.	AVP ELECTRONICS & APPLIANCES
unitOfUseGTINC1D 1	Unit of Use GTIN C2D1	unitOfUseGTINC1D 1	AUS143	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC1D 1	Medication Form Code C2D1	unitOfUseGTINC1D 1	AUS143	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC1D 2	Unit of Use GTIN C2D2	unitOfUseGTINC1D 2	AUS144	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC1D 2	Medication Form Code C2D2	unitOfUseGTINC1D 2	AUS144	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC1D	Unit of Use	unitOfUseGTINC1D	AUS145	O	string	1/14	0..1	The GTIN of items included	AVP Australian

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
							GDSN CIN AVP Extension Attribute Map		
3	GTIN C2D3	3						in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	Healthcare
unitOfUseGTINC1D3	Medication Form Code C2D3	unitOfUseGTINC1D3	AUS145	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC1D4	Unit of Use GTIN C2D4	unitOfUseGTINC1D4	AUS146	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC1D4	Medication Form Code C2D4	unitOfUseGTINC1D4	AUS146	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC1D5	Unit of Use GTIN C2D5	unitOfUseGTINC1D5	AUS147	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC1D5	Medication Form Code C2D5	unitOfUseGTINC1D5	AUS147	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital	AVP Australian Healthcare

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								ward.	
unitOfUseGTINC2D1	Medication Form Code C2D1	unitOfUseGTINC2D1	AUS148	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC2D2	Medication Form Code C2D2	unitOfUseGTINC2D2	AUS149	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC2D3	Unit of Use GTIN C2D3	unitOfUseGTINC2D3	AUS150	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC2D3	Medication Form Code C2D3	unitOfUseGTINC2D3	AUS150	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC2D4	Unit of Use GTIN C2D4	unitOfUseGTINC2D4	AUS151	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC2D	Medication	unitOfUseGTINC2D	AUS151	O	string	1/14	0..1	The GTIN of items included	AVP Australian

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								GDSN CIN AVP Extension Attribute Map	
4	Form Code C2D4	4						in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	Healthcare
unitOfUseGTINC2D5	Unit of Use GTIN C2D5	unitOfUseGTINC2D5	AUS152	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC2D5	Medication Form Code C2D5	unitOfUseGTINC2D5	AUS152	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC3D1	Unit of Use GTIN C3D1	unitOfUseGTINC3D1	AUS153	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC3D1	Medication Form Code C3D1	unitOfUseGTINC3D1	AUS153	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC3D2	Unit of Use GTIN C3D2	unitOfUseGTINC3D2	AUS154	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital	AVP Australian Healthcare

GDSN CIN AVP Extension Attribute Map

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	IM GUI AVP Extension Location
								ward.	
unitOfUseGTINC3D2	Medication Form Code C3D2	unitOfUseGTINC3D2	AUS154	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC3D3	Unit of Use GTIN C3D3	unitOfUseGTINC3D3	AUS155	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC3D3	Medication Form Code C3D3	unitOfUseGTINC3D3	AUS155	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC3D4	Unit of Use GTIN C3D4	unitOfUseGTINC3D4	AUS156	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC3D4	Medication Form Code C3D4	unitOfUseGTINC3D4	AUS156	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC3D	Unit of Use	unitOfUseGTINC3D	AUS157	O	string	1/14	0..1	The GTIN of items included	AVP Australian

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
5	GTIN C3D5	5						in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	Healthcare
unitOfUseGTINC3D5	Medication Form Code C3D5	unitOfUseGTINC3D5	AUS157	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC4D1	Unit of Use GTIN C4D1	unitOfUseGTINC4D1	AUS158	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC4D1	Medication Form Code C4D1	unitOfUseGTINC4D1	AUS158	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC4D2	Unit of Use GTIN C4D2	unitOfUseGTINC4D2	AUS159	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC4D2	Medication Form Code C4D2	unitOfUseGTINC4D2	AUS159	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital	AVP Australian Healthcare

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								ward.	
unitOfUseGTINC4D3	Unit of Use GTIN C4D3	unitOfUseGTINC4D3	AUS160	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC4D3	Medication Form Code C4D3	unitOfUseGTINC4D3	AUS160	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC4D4	Unit of Use GTIN C4D4	unitOfUseGTINC4D4	AUS161	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC4D4	Medication Form Code C4D4	unitOfUseGTINC4D4	AUS161	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC4D5	Unit of Use GTIN C4D5	unitOfUseGTINC4D5	AUS162	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC4D	Medication	unitOfUseGTINC4D	AUS162	O	string	1/14	0..1	The GTIN of items included	AVP Australian

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
5	Form Code C4D5	5						in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	Healthcare
unitOfUseGTINC5D1	Unit of Use GTIN C5D1	unitOfUseGTINC5D1	AUS163	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC5D1	Medication Form Code C5D1	unitOfUseGTINC5D1	AUS163	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC5D2	Unit of Use GTIN C5D2	unitOfUseGTINC5D2	AUS164	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC5D2	Medication Form Code C5D2	unitOfUseGTINC5D2	AUS164	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC5D3	Unit of Use GTIN C5D3	unitOfUseGTINC5D3	AUS165	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital	AVP Australian Healthcare

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								ward.	
unitOfUseGTINC5D3	Medication Form Code C5D3	unitOfUseGTINC5D3	AUS165	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC5D4	Unit of Use GTIN C5D4	unitOfUseGTINC5D4	AUS166	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC5D4	Medication Form Code C5D4	unitOfUseGTINC5D4	AUS166	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC5D5	Unit of Use GTIN C5D5	unitOfUseGTINC5D5	AUS167	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitOfUseGTINC5D5	Medication Form Code C5D5	unitOfUseGTINC5D5	AUS167	O	string	1/14	0..1	The GTIN of items included in a base or consumer unit intended for individual issue at point of use, i.e hospital ward.	AVP Australian Healthcare
unitsInDepthOfLay	Units In Depth	unitsInDepthOfLay	AVP864	O	Integer	1/8	0 to 1	Number of Next Lower Level	AVP AUSTRALIA

GDSN CIN AVP Extension Attribute Map

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
er	Of Layer	er						units of a product or package, which make up the depth of a layer in the package.	
unitsInWidthOfLay er	Units In Width Of Layer	unitsInWidthOfLay er	AVP865	O	Integer	1/8	0 to 1	Number of Next Lower Level units of a product or package, which make up the width of a layer in the package.	AVP AUSTRALIA
unitsPerPackage	Units Per Package	unitsPerPackage	AVP866	O	Integer	1/8	0 to 1	The number of units in the current level of packaging.	AVP AUSTRALIA
vacuumToolsInclud ed	Vacuum Tools Included	vacuumToolsInclud ed	AVP697	O	String	1/70	0 to 10	Identifies the tools that are included with the vacuum.	AVP ELECTRONICS & APPLIANCES
vacuumType	Vacuum Type	vacuumType	AVP696	O	String	1/70	0 to 3	Describes the type of vacuum the product is considered to be.	AVP ELECTRONICS & APPLIANCES
videoCardBrandNa me	Video Card Brand Name	videoCardBrandNa me	AVP698	O	String	1/70	0 to 1	Indicates the brand of the graphics card installed in the product.	AVP ELECTRONICS & APPLIANCES
videoDiskFormats	Video Disk Formats	videoDiskFormats	AVP699	O	String	1/70	0 to 6	Identifies the media formats that can be played on the product.	AVP ELECTRONICS & APPLIANCES
videoUpConversion Type	Video Up Conversion Type	videoUpConversion Type	AVP700	O	String	1/70	0 to 3	Indicates the type of video up conversion the product supports. This is the process of taking HD signals and making another/better	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								version of HD.	
viewingAngle	Viewing Angle	viewingAngle	AVP701	O	Integer	1/4	0 to 1	Indicates how wide the viewing angle is on the product.	AVP ELECTRONICS & APPLIANCES
voiceCoilType	Voice Coil Type	voiceCoilType	AVP913	O	String	1/70	0 to 1	Determines what type of voice coil is attached to the subwoofer? Either Single or Dual.	AVP ELECTRONICS & APPLIANCES
voltageRating	Voltage Rating	voltageRating	AVP702	O	Integer	1/6	0 to 1	Indicates the highest voltage that can be applied to a wire or conductor in conformance with standards. Measured in Volts.	AVP ELECTRONICS & APPLIANCES
voltsUsed	Volts Used	voltsUsed	AVP764	O	Decimal	1/7,7	0 to 2	Indicates the number or volts the product uses during operation.	AVP ELECTRONICS & APPLIANCES
volumeControlLoca tion	Volume Control Location	volumeControlLoca tion	AVP703	O	String	1/70	0 to 2	Indicates the location of the volume control on the product.	AVP ELECTRONICS & APPLIANCES
volumeWeightAmo untC1D1	Volume Weight Unit C1D1	volumeWeightAmo untC1D1	AUS168	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmo untC1D2	Volume Weight Unit C1D2	volumeWeightAmo untC1D2	AUS169	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
					GDSN CIN AVP Extension Attribute Map				
volumeWeightAmountC1D3	Volume Weight Unit C1D3	volumeWeightAmountC1D3	AUS170	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC1D4	Volume Weight Unit C1D4	volumeWeightAmountC1D4	AUS171	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC1D5	Volume Weight Unit C1D5	volumeWeightAmountC1D5	AUS172	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC2D1	Volume Weight Unit C2D1	volumeWeightAmountC2D1	AUS173	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC2D2	Volume Weight Unit C2D2	volumeWeightAmountC2D2	AUS174	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC2D3	Volume Weight Unit C2D3	volumeWeightAmountC2D3	AUS175	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC2D4	Volume Weight Unit C2D4	volumeWeightAmountC2D4	AUS176	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC2D5	Volume Weight Unit C2D5	volumeWeightAmountC2D5	AUS177	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmo	Volume Weight Unit	volumeWeightAmo	AUS178	O	float	8,2	0..1	The numeric value of the volume or mass of a single	AVP Australian

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
untC3D1	C3D1	untC3D1						unit of medication.	Healthcare
volumeWeightAmountC3D2	Volume Weight Unit C3D2	volumeWeightAmountC3D2	AUS179	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC3D3	Volume Weight Unit C3D3	volumeWeightAmountC3D3	AUS180	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC3D4	Volume Weight Unit C3D4	volumeWeightAmountC3D4	AUS181	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC3D5	Volume Weight Unit C3D5	volumeWeightAmountC3D5	AUS182	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC4D1	Volume Weight Unit C4D1	volumeWeightAmountC4D1	AUS183	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC4D2	Volume Weight Unit C4D2	volumeWeightAmountC4D2	AUS184	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC4D3	Volume Weight Unit C4D3	volumeWeightAmountC4D3	AUS185	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC4D4	Volume Weight Unit C4D4	volumeWeightAmountC4D4	AUS186	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
volumeWeightAmountC4D5	Volume Weight Unit C4D5	volumeWeightAmountC4D5	AUS187	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC5D1	Volume Weight Unit C5D1	volumeWeightAmountC5D1	AUS188	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC5D2	Volume Weight Unit C5D2	volumeWeightAmountC5D2	AUS189	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC5D3	Volume Weight Unit C5D3	volumeWeightAmountC5D3	AUS190	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC5D4	Volume Weight Unit C5D4	volumeWeightAmountC5D4	AUS191	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightAmountC5D5	Volume Weight Unit C5D5	volumeWeightAmountC5D5	AUS192	O	float	8,2	0..1	The numeric value of the volume or mass of a single unit of medication.	AVP Australian Healthcare
volumeWeightUnitC1D1	Volume Weight Unit C1D1	volumeWeightUnitC1D1	AUS193	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnitC1D1	Medicine Device Unit Name C1D2	volumeWeightUnitC1D1	AUS193	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit	Volume Weight Unit	volumeWeightUnit	AUS194	O	string	1/2	0..1	The measurement scale used to describe the volume or	AVP Australian

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map								
C1D2	C1D2	C1D2						mass of a product.	Healthcare
volumeWeightUnit C1D2	Medicine Device Unit Name C1D3	volumeWeightUnit C1D2	AUS194	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C1D3	Volume Weight Unit C1D3	volumeWeightUnit C1D3	AUS195	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C1D3	Medicine Device Unit Name C1D4	volumeWeightUnit C1D3	AUS195	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C1D4	Volume Weight Unit C1D4	volumeWeightUnit C1D4	AUS196	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C1D4	Medicine Device Unit Name C1D5	volumeWeightUnit C1D4	AUS196	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C1D5	Volume Weight Unit C1D5	volumeWeightUnit C1D5	AUS197	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C1D5	Component 2 Information	volumeWeightUnit C1D5	AUS197	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C2D1	Volume Weight Unit C2D1	volumeWeightUnit C2D1	AUS198	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
volumeWeightUnit C2D1	Medicine Device Unit Name C2D2	volumeWeightUnit C2D1	AUS198	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C2D2	Volume Weight Unit C2D2	volumeWeightUnit C2D2	AUS199	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C2D2	Medicine Device Unit Name C2D3	volumeWeightUnit C2D2	AUS199	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C2D3	Volume Weight Unit C2D3	volumeWeightUnit C2D3	AUS200	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C2D3	Medicine Device Unit Name C2D4	volumeWeightUnit C2D3	AUS200	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C2D4	Volume Weight Unit C2D4	volumeWeightUnit C2D4	AUS201	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C2D4	Medicine Device Unit Name C2D5	volumeWeightUnit C2D4	AUS201	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C2D5	Volume Weight Unit C2D5	volumeWeightUnit C2D5	AUS202	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit	Component 3	volumeWeightUnit	AUS202	O	string	1/2	0..1	The measurement scale used to describe the volume or	AVP Australian

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
C2D5	Information	C2D5						mass of a product.	Healthcare
volumeWeightUnit C3D1	Volume Weight Unit C3D1	volumeWeightUnit C3D1	AUS203	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C3D1	Medicine Device Unit Name C3D2	volumeWeightUnit C3D1	AUS203	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C3D2	Volume Weight Unit C3D2	volumeWeightUnit C3D2	AUS204	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C3D2	Medicine Device Unit Name C3D3	volumeWeightUnit C3D2	AUS204	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C3D3	Volume Weight Unit C3D3	volumeWeightUnit C3D3	AUS205	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C3D3	Medicine Device Unit Name C3D4	volumeWeightUnit C3D3	AUS205	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C3D4	Volume Weight Unit C3D4	volumeWeightUnit C3D4	AUS206	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C3D4	Medicine Device Unit Name C3D5	volumeWeightUnit C3D4	AUS206	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
volumeWeightUnit C3D5	Volume Weight Unit C3D5	volumeWeightUnit C3D5	AUS207	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C3D5	Component 4 Information	volumeWeightUnit C3D5	AUS207	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C4D1	Volume Weight Unit C4D1	volumeWeightUnit C4D1	AUS208	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C4D1	Medicine Device Unit Name C4D2	volumeWeightUnit C4D1	AUS208	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C4D2	Volume Weight Unit C4D2	volumeWeightUnit C4D2	AUS209	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C4D2	Medicine Device Unit Name C4D3	volumeWeightUnit C4D2	AUS209	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C4D3	Volume Weight Unit C4D3	volumeWeightUnit C4D3	AUS210	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C4D3	Medicine Device Unit Name C4D4	volumeWeightUnit C4D3	AUS210	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit	Volume Weight Unit	volumeWeightUnit	AUS211	O	string	1/2	0..1	The measurement scale used to describe the volume or	AVP Australian

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
		GDSN CIN AVP Extension Attribute Map							
C4D4	C4D4	C4D4						mass of a product.	Healthcare
volumeWeightUnit C4D4	Medicine Device Unit Name C4D5	volumeWeightUnit C4D4	AUS211	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C4D5	Volume Weight Unit C4D5	volumeWeightUnit C4D5	AUS212	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C4D5	Component 5 Information	volumeWeightUnit C4D5	AUS212	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C5D1	Volume Weight Unit C5D1	volumeWeightUnit C5D1	AUS213	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C5D1	Medicine Device Unit Name C5D2	volumeWeightUnit C5D1	AUS213	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C5D2	Volume Weight Unit C5D2	volumeWeightUnit C5D2	AUS214	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C5D2	Medicine Device Unit Name C5D3	volumeWeightUnit C5D2	AUS214	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C5D3	Volume Weight Unit C5D3	volumeWeightUnit C5D3	AUS215	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
				GDSN CIN AVP Extension Attribute Map					
volumeWeightUnit C5D3	Medicine Device Unit Name C5D4	volumeWeightUnit C5D3	AUS215	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C5D4	Volume Weight Unit C5D4	volumeWeightUnit C5D4	AUS216	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C5D4	Medicine Device Unit Name C5D5	volumeWeightUnit C5D4	AUS216	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C5D5	Volume Weight Unit C5D5	volumeWeightUnit C5D5	AUS217	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
volumeWeightUnit C5D5	Wrin Prefix	volumeWeightUnit C5D5	AUS217	O	string	1/2	0..1	The measurement scale used to describe the volume or mass of a product.	AVP Australian Healthcare
walletSize	Wallet Size	walletSize	AVP765	O	String	1/70	0 to 1	Indicates the physical size of the wallet.	AVP ELECTRONICS & APPLIANCES
wandNumber	Wand Number	wandNumber	AUS027	O	string	1/18	0..1	For medical devices used within NZ healthcare, the identification code assigned from the WAND (Web Assisted Notification of Devices) database.	AVP Australian Healthcare
wandNumber	New Zealand Specific Attributes	wandNumber	AUS027	O	string	1/18	0..1	For medical devices used within NZ healthcare, the identification code assigned from the WAND (Web	AVP Australian Healthcare

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								Assisted Notification of Devices) database.	
warrantyDistance	Warranty Distance	warrantyDistance	AVP089	O	Integer	1/6	0 to 100	The distance in kilometres covered by a warranty that may be available on the trade item.	AVP ORDERING & SELLING
warrantyLaborDays	Warranty Labor Days	warrantyLaborDays	AVP704	O	Integer	1/4	0 to 1	Indicates the number of labor days the item is warranted from the vendor.	AVP ELECTRONICS & APPLIANCES
warrantyLaborYears	Warranty Labor Years	warrantyLaborYears	AVP705	O	Integer	1/4	0 to 1	Indicates the number of labor years the item is warranted from the vendor.	AVP ELECTRONICS & APPLIANCES
warrantyPartsDays	Warranty Parts Days	warrantyPartsDays	AVP706	O	Integer	1/4	0 to 1	Indicates the number of days the item is warranted for parts from the vendor.	AVP ELECTRONICS & APPLIANCES
warrantyPartsYears	Warranty Parts Years	warrantyPartsYears	AVP707	O	Integer	1/4	0 to 1	Indicates the number of years the item is warranted for parts from the vendor.	AVP ELECTRONICS & APPLIANCES
washCycleCapabilities	Wash Cycle Capabilities	washCycleCapabilities	AVP932	O	String	1/70	0 to 10	What wash cycle capabilities does the product have?	AVP ELECTRONICS & APPLIANCES
washerDispenserType	Washer Dispenser Type	washerDispenserType	AVP709	O	String	1/70	0 to 3	Indicates the type of dispenser the washer contains.	AVP ELECTRONICS & APPLIANCES
wasSampleSent	Was Sample Sent?	wasSampleSent	AVP708	O	Boolean		0 to 1	Indicates whether or not the vendor has sent a sample	AVP ELECTRONICS & APPLIANCES

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
									GDSN CIN AVP Extension Attribute Map
								product for the item.	
wasVerifiedByCategoryManager	Was Verified By Category Manager?	wasVerifiedByCategoryManager	AVP071	O	Boolean		0 to 1	Indicates whether or not the product was sampled by the Category Manager.	AVP MARKETING & CONTACT INFORMATION
waterHazardAgencyName	Water Hazard Agency Name	waterHazardAgencyName	AVP892	O	String	1/70	0 to 1	An agency that manages the water hazard type codes.	AVP SINFOS
waterHazardType	Water Hazard Type	waterHazardType	AVP891	O	String	1/35	0 to 1	A code determining the degree to which the product would pose an environmental hazard to water.	AVP SINFOS
waterLevelType	Water Level Type	waterLevelType	AVP710	O	String	1/70	0 to 1	Describes the washer setting for number of water levels/load size.	AVP ELECTRONICS & APPLIANCES
wEEEElectricalApplianceType	WEEE Electrical Applicance Type	wEEEElectricalApplianceType	AVP880	O	String	1/3	0 to 1	Category of electrical and electronic equipment containing components covered by the WEEE directive.	AVP PRICE, TAX, & PAYMENT
wEEEElectronicWasteAmount	WEEE Electronic Waste Amount	wEEEElectronicWasteAmount	AVP882	O	Decimal	1/38,15	0 to 2	The amount of the components contained in the trade item that are covered by the WEEE directive.	AVP PRICE, TAX, & PAYMENT
wEEEElectronicWasteAmountUOM	WEEE Electronic Waste Amount UOM	wEEEElectronicWasteAmountUOM	AVP883	O	String	1/3	0 to 2	The amount unit of measure for the components contained in the trade item that are covered by the	AVP PRICE, TAX, & PAYMENT

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								WEEE directive.	
wEEERegistrationN umber	WEEE Registration Number	wEEERegistrationN umber	AVP881	O	String	1/35	0 to 1	Trade item producers are required to register all items covered by the WEEE directive and communicate this number to the retailers.	AVP PRICE, TAX, & PAYMENT
wholesalerContact Address	Wholesaler Contact Address	wholesalerContactA ddress	AVP1008	O	string	1/500	0..1	The address of the Seller of articles, often in large quantities, to be retailed by others.	AVP MARKETING & CONTACT INFORMATION
wholesalerContact Name	Wholesaler Contact Name	wholesalerContact Name	AVP1009	O	string	1/200	0..1	The name of the Seller of articles, often in large quantities, to be retailed by others.	AVP MARKETING & CONTACT INFORMATION
wireGaugeThicknes s	Wire Gauge Thickness	wireGaugeThicknes s	AVP711	O	Integer	1/4	0 to 1	Describes the thickness of the wire.	AVP ELECTRONICS & APPLIANCES
wirelessRange	Wireless Range	wirelessRange	AVP712	O	Integer	1/4	0 to 1	Indicates the range the wireless product is good for when away from the base.	AVP ELECTRONICS & APPLIANCES
wirelessRangeUOM	Wireless Range UOM	wirelessRangeUOM	AVP713	O	String	1/70	0 to 1	The unit of measurement associated with Wireless Range.	AVP ELECTRONICS & APPLIANCES
woodGrain	Wood Grain	woodGrain	AVP714	O	String	1/70	0 to 1	Indicates the darkness of the wood grain.	AVP ELECTRONICS & APPLIANCES
wooferAirSpace	Woofer Air	wooferAirSpace	AVP715	O	Decimal	1/7,7	0 to 1	Indicates the number of cubic feet of air space there	AVP ELECTRONICS &

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
									GDSN CIN AVP Extension Attribute Map
	Space							is per subwoofer.	APPLIANCES
wooferAirSpaceUO M	Woofer Air Space UOM	wooferAirSpaceUO M	AVP716	O	String	1/70	0 to 1	The unit of measurement associated with Woofer Air Space.	AVP ELECTRONICS & APPLIANCES
wooferSize	Woofer Size	wooferSize	AVP717	O	String	1/70	0 to 1	Identifies the diameter of the Woofer. Usually tower speaker, not stand alone.	AVP ELECTRONICS & APPLIANCES
wooferSizeUOM	Woofer Size UOM	wooferSizeUOM	AVP718	O	String	1/70	0 to 1	The unit of measurement associated with Woofer Size.	AVP ELECTRONICS & APPLIANCES
wrinPrefix	WRIN Prefix	wrinPrefix	MCD001	O	string	1/5	0..1	WRIN Prefix	AVP McDonald's
wrinSuffix	WRIN Suffix	wrinSuffix	MCD002	O	string	1/3	0..1	WRIN Suffix	AVP McDonald's
wSINumber	WSI Number	wSINumber	MCD007	O	string	1/70	0..1	WSI number associated with the Supplier	AVP McDonald's
commercialType	Commercial Type	commercialType	AVP1036	O	string	1/70	0..1	Free text field used to identify the variant of the product.	AVP FOOD & BEVERAGE
innerFleshColourCo de	Inner Flesh Colour Code	innerFleshColourCo de	AVP1020	O	string	1/70	0..1	The colour of the inner flesh usually edible part of a fruit or vegetable.	AVP FOOD & BEVERAGE
postProcessTradeIt emTreatmentPhysi calCode	Post Process Trade Item Treatment Physical Code	postProcessTradeIt emTreatmentPhysi calCode	AVP1021	O	string	1/70	0 to Many	Produce has gone some physical process whether altered or other physical processes after harvesting.	AVP FOOD & BEVERAGE
produceSeedPrese	Produce Seed Presence Type	produceSeedPrese	AVP1022	O	string	1/70	0..1	Specifies the amount of seeds for fresh fruits and	AVP FOOD & BEVERAGE

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								GDSN CIN AVP Extension Attribute Map	
nceTypeCode	Code	nceTypeCode						vegetables e.g. for water melons, citrus fruits.	
species	Species	species	AVP1023	O	string	1/70	0..1	A fundamental category of taxonomic classification, ranking below a genus and consisting of related organisms capable of interbreeding.	AVP FOOD & BEVERAGE
produceVarietyTyp e	Produce Variety Type	produceVarietyTyp e	AVP1024	O	string	1/70	0 to Many	Specifies the variety of produce, this may be a patent or trademark name of produce used as a specification or an alias for the botanical name.	AVP FOOD & BEVERAGE
maturityatTimeofS ale	Maturity at Time of Sale	maturityatTimeofS ale	AVP1025	O	string	1/70	0 to Many	The method of maturity for the item at the time of its sale.	AVP FOOD & BEVERAGE
postHarvestTreatm entChemicalCode	Post Harvest Treatment Chemical Code	postHarvestTreatm entChemicalCode	AVP1026	O	string	70	0 to Many	Specifies if the fruit or vegetable has been treated or not post harvesting with a chemical or wax.	AVP FOOD & BEVERAGE
genus	Genus	genus	AVP1027	O	string	1/70	0..1	A taxonomic category ranking below a family and above a species and generally consisting of a group of species exhibiting similar characteristics.	AVP FOOD & BEVERAGE

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Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map
fDAUnitOfUseGTIN	FDA Unit Of Use GTIN	fDAUnitOfUseGTIN	AVP1032	O	string	1/14	0 to Many	GTIN of a unit of use, as defined by the FDA. This is a lower level unit which is contained in the Trade Item.	AVP FDA Medical
isTradeItemExempt FromDirectPartMar king	Is Trade Item Exempt From Direct Part Marking?	isTradeItemExempt FromDirectPartMar king	AVP1033	O	boolean		0..1	Indicator signifying the trade item is exempt from direct identification marking according to regulation or regulatory filings within the target market.	AVP FDA Medical
isPackageMarkedWi thManufactureDate	Is Package Marked With Manufacture Date?	isPackageMarkedWi thManufactureDate	AVP1034	O	boolean		0..1	Is the package marked with the date upon which the trade item was manufactured.	AVP FDA Medical
consumerSalesCon dition	Consumer Sales Condition	consumerSalesCon dition	AVP1035	O	string	1/70	0 to Many	A code depicting restrictions imposed on the Trade Item regarding how it can be sold to the consumer for example	AVP FDA Medical
fDAGUDIDPublishD ate	FDA GUDID Publish Date	fDAGUDIDPublishD ate	AVP1037	O	date		0..1	The date upon which the Trade Item can be published by the FDA Global Unique Device Identifier Database (FDA GUDID) in their public facing systems.	AVP FDA Medical
directPartMarking	Direct Part Marking	directPartMarking	FDA006	O	String	1/70	0..1	This is a number or marking placed directly on the medical device.	AVP FDA Medical

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
GDSN CIN AVP Extension Attribute Map									
exemptFromFDAPreMarketAuthorization	Exempt From FDA PreMarket Authorization?	exemptFromFDAPreMarketAuthorization	FDA010	O	Boolean		0..1	Device is exempt from FDA Premarket regulations.	AVP FDA Medical
fDAMedicalDeviceListing	FDA Medical Device Listing	fDAMedicalDeviceListing	FDA007	0	String	7/7	0 To Many	The Medical Device Listing provides FDA with the location of medical device establishments and the devices manufactured at those establishments.	AVP FDA Medical
clinicalSizeType	Clinical Size Type	clinicalSizeType	FDA012	O	String	1/35	0..1	The qualifier to denote the dimensional size which is clinically relevant for the use of the trade item by the clinical user. For example "needle gauge" for a 16 gauge needle, or "volume" for a 200 cc syringe.	AVP FDA Medical
clinicalSizeType2	Clinical Size Type 2	Clinical Size Type - Group 2		O	String	1/35	0..1	The qualifier to denote the dimensional size which is clinically relevant for the use of the trade item by the clinical user. For example "needle gauge" for a 16 gauge needle, or "volume" for a 200 cc syringe	AVP FDA Medical
clinicalSizeType3	Clinical Size Type 3	Clinical Size Type - Group 3		O	String	1/35	0..1	The qualifier to denote the dimensional size which is clinically relevant for the use of the trade item by the clinical user. For example	AVP FDA Medical

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								"needle gauge" for a 16 gauge needle, or "volume" for a 200 cc syringe	
clinicalSizeType4	Clinical Size Type 4	Clinical Size Type - Group 4 4		O	String	1/35	0..1	The qualifier to denote the dimensional size which is clinically relevant for the use of the trade item by the clinical user. For example "needle gauge" for a 16 gauge needle, or "volume" for a 200 cc syringe	AVP FDA Medical
clinicalSizeValue	Clinical Size Value	clinicalSizeValue	FDA013	O	Float	30,15	0..1	The value to denote the dimensional size which is clinically relevant for the use of the trade item by the clinical user. For example 16 gauge for a needle, or 200 cc for a syringe. Carries a UoM from the Recommendation 20 code list.	AVP FDA Medical
clinicalSizeValue2	Clinical Size Value 2	Clinical Size Value - Group 2		O	Float	30,15	0..1	The value to denote the dimensional size which is clinically relevant for the use of the trade item by the clinical user. For example 16 gauge for a needle, or 200 cc for a syringe. Carries a UoM from the Recommendation 20 code list.	AVP FDA Medical
clinicalSizeValue3	Clinical Size Value 3	Clinical Size Value - Group 3		O	Float	30,15	0..1	The value to denote the dimensional size which is	AVP FDA Medical

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								clinically relevant for the use of the trade item by the clinical user. For example 16 gauge for a needle, or 200 cc for a syringe. Carries a UoM from the Recommendation 20 code list.	
clinicalSizeValue4	Clinical Size Value 4	Clinical Size Value - Group 4		O	Float	30,15	0..1	The value to denote the dimensional size which is clinically relevant for the use of the trade item by the clinical user. For example 16 gauge for a needle, or 200 cc for a syringe. Carries a UoM from the Recommendation 20 code list.	AVP FDA Medical
clinicalSizeText	Clinical Size Text	clinicalSizeText	FDA014	O	String	1/200	0..1	When the clinicalSizeType is coded as "other", this is the text used to to denote the dimensional size which is clinically relevant for the use of the trade item by the clinical user.	AVP FDA Medical
clinicalSizeText2	Clinical Size Text 2	Clinical Size Text - Group 2		O	String	1/200	0..1	When the clinicalSizeType is coded as "other", this is the text used to to denote the dimensional size which is clinically relevant for the use of the trade item by the clinical user.	AVP FDA Medical
clinicalSizeText3	Clinical Size	Clinical Size Text -		O	String	1/200	0..1	When the clinicalSizeType is	AVP FDA Medical

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								coded as "other", this is the text used to to denote the dimensional size which is clinically relevant for the use of the trade item by the clinical user.	
	Text 3	Group 3							
clinicalSizeText4	Clinical Size Text 4	Clinical Size Text - Group 4		O	String	1/200	0..1	When the clinicalSizeType is coded as "other", this is the text used to to denote the dimensional size which is clinically relevant for the use of the trade item by the clinical user.	AVP FDA Medical
initialManufacturer Sterilisation	Initial Manufacturer Sterilisation	initialManufacturer Sterilisation	FDA026	O	String	1/70	0 to many	Type(s) of sterilisation that may have been performed by the manufacturer if a trade item is sterile when it comes from the manufacturer.	AVP FDA Medical
initialSterilisationPr iorToUse	Initial Sterilisation Prior To Use	initialSterilisationPr iorToUse	FDA027	O	String	1/70	0 To many	This is an indication of the type(s) of sterilisation that is required to be completed by a healthcare provider prior to initial use of the healthcare trade item.	AVP FDA Medical
doesTradeItemCon tainHumanTissue	Does Trade Item Contain Human Tissue?	doesTradeItemCon tainHumanTissue	FDA021	O	Boolean		0..1	The trade item has, as a component or ingredient, human tissue. The amount of tissue is not limited to a certain amount, any amount will cause a flag of TRUE.	AVP FDA Medical
groupedProduct	Grouped	groupedProduct	FDA022	O	String	1/2000	0..1	Code representing if the	AVP FDA Medical

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
	Product							trade item is considered by the manufacturer to be more than a single item, such as a kit, combination item.	
storageEnvironmen tAtmosphericPress ureMaximum	Storage Environment Atmospheric Pressure Maximum	storageEnvironmen tAtmosphericPress ureMaximum	FDA015	O	float	15,30	0..1	The maximum atmospheric pressure in which the item should be stored to remain usable. This value is the value above which the trade item should not be subjected.	AVP FDA Medical
storageEnvironmen tAtmosphericPress ureMinimum	Storage Environment Atmospheric Pressure Minimum	storageEnvironmen tAtmosphericPress ureMinimum	FDA016	O	float	15,30	0..1	The minimum atmospheric pressure in which the item should be stored to remain usable. This value is the value below which the trade item should not be subjected.	AVP FDA Medical
transportationMaxi mumHumidityMaxi mum	Transporation Humidity Maximum	transportationMaxi mumHumidityMaxi mum	FDA017	O	float	15,30	0..1	The maximum humidity in percentages in which the trade items should be transported.	AVP FDA Medical
transportationMaxi mumHumidityMini mum	Transporation Humidity Minimum	transportationMaxi mumHumidityMini mum	FDA018	O	float	15,30	0..1	The minimum humidity in percentages in which the trade items should be transported.	AVP FDA Medical
transportationEnvir onmentAtmospheri cPressureMaximum	Transportation Environment Atmospheric Pressure Maximum	transportationEnvir onmentAtmospheri cPressureMaximum	FDA019	O	float	15,30	0..1	The maximum atmospheric pressure in which the item should be transported to remain usable. This value is the value above which the	AVP FDA Medical

GDSN CIN AVP Extension Attribute Map

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								trade item should not be subjected.	
transportationEnvir onmentAtmospheri cPressureMinimum	Transportation Environment Atmospheric Pressure Minimum	transportationEnvir onmentAtmospheri cPressureMinimum	FDA020	O	float	15,30	0..1	The minimum atmospheric pressure in which the item should be transported to remain usable. This value is the value below which the trade item should not be subjected.	AVP FDA Medical
donationIdentificati onNumberMarked	Is Device Managed by Donation Identification Number?	donationIdentificati onNumberMarked	AVP1051	O	boolean			Indicates the device is managed by a Donation Identification Number. This number can be found on the device label or packaging. The Donation Identification Number is applicable to devices that are also regulated as HCT/Ps and is a number that is assigned to each donation.Note: Required at the lowest level of UDI items.	AVP FDA Medical
additiveStatementF ormattingPattern	Additive Statement Formatting Pattern	additiveStatementF ormattingPattern	AVP1052	O	string	1/1000	0 to Many	the formatting pattern of text for additive statement to denote a paragraph breaks. It will be up to the recipient to determine the formatting style they will use.	AVP FOOD & BEVERAGE
brandDistributionTr adeItemType	Brand Distribution Trade Item	brandDistributionTr adeItemType	AVP1053	O	string	1/70		Categorization of the trade item to help further delineate product type with distribution	AVP MANUFACTURING, HANDLING, & DELIVERY

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
	Type							type and trade channel. For example: Bulk, Private label, and Custom Label.	
consumerUsageCode	Consumer Usage Code	consumerUsageCode	AVP1054	O	string	1/75		a code representation of the consumer usage information represented via a label.	AVP MARKETING & CONTACT INFORMATION
consumerUsageDescription	Consumer Usage Description	consumerUsageDescription	AVP1055	O	string	1/75		free form text field to give a textual description if necessary	AVP MARKETING & CONTACT INFORMATION
consumerUsageInstructionsFormattingPattern	Consumer Usage Instructions Formatting Pattern	consumerUsageInstructionsFormattingPattern	AVP1056	O	string	1/1000		the formatting pattern of text for consumer usage instructions to generically emphasize a word or set of words and to denote a paragraph break. It will be up to the recipient to determine the formatting style they will use for the emphasized text.	AVP MARKETING & CONTACT INFORMATION
consumerUsageLabelAgency	Consumer Usage Label Agency	consumerUsageLabelAgency	AVP1057	O	string	1/75		Agency responsible for creating label and/or codes used in simplifying instructions via labels.	AVP MARKETING & CONTACT INFORMATION
consumerUsageLabelStandard	Consumer Usage Label Standard	consumerUsageLabelStandard	AVP1058	O	string	1/75		The consumer usage label standard	AVP MARKETING & CONTACT INFORMATION
countryOfOriginStatement	Country Of Origin Statement	countryOfOriginStatement	AVP1059	O	string	1/200	0 to Many	A description of the geographic area the item may have originated from or has been processed.	AVP MANUFACTURING, HANDLING, & DELIVERY

GDSN CIN AVP Extension Attribute Map

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
			GDSN CIN AVP Extension Attribute Map						
dailyValueIntakePercentMeasurementPrecisionCode	Daily Value Intake Percent Measurement Precision Code	dailyValueIntakePercentMeasurementPrecisionCode	AVP1060	O	string	1/75		Code indicating whether the specified nutrient content for the Daily Value Intake % is exact or approximate or less than.	AVP FOOD & BEVERAGE
dateOfCatchProcessTypeCode	Date Of Catch Process Type Code	dateOfCatchProcessTypeCode	AVP1061	O	string	1/70		The process of how the fish is dated, for example Real_time as fish are caught they are dated and time stamped like tuna, one time catch on a date for fish farming, or periodic catch meaning the catch date reflective of seasonal catch like lobster trapping	AVP FOOD & BEVERAGE
displayTypeCode	Display Type Code	displayTypeCode	AVP1062	O	string	1/75		A code determining the type of display a trade item is for	AVP MARKETING & CONTACT INFORMATION
dosageRecommendation	Dosage Recommendation	dosageRecommendation	AVP1063	O	string	1/200		Information pertaining to the dosage of drug that should be taken/administered per dose. This is not based upon prescribed dosage, but recommended dosage. This may be pre-labeled on product or need to be labeled per target market regulations. Example Take 2 tablets every 4 hours, Take 1 teaspoon daily, etc	AVP FOOD & BEVERAGE

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
			GDSN CIN AVP Extension Attribute Map						
dosageRestrictionLimits	Dosage Restriction Limits	dosageRestrictionLimits	AVP1064	O	string	1/200		Information pertaining to the dosage of drug that should be taken/administered in a limited quantity. This is not based upon prescribed dosage, but recommended restrictions. This may be pre-labeled on product or need to be labeled per target market regulations. Example Do not exceed no more than 8 tablets per day, Do not exceed use for more than 14 days, etc.	AVP FOOD & BEVERAGE
drugInteractions	Drug Interactions	drugInteractions	AVP1065	O	string	1/200		pertaining to different type of consumer information needed for proper usage of product. This may be pre-labeled on product or need to be labeled per target market regulations. Example Do not take with Alcohol, Eat with food, Do not take if you are on Diabetic medication, etc.	AVP FOOD & BEVERAGE
drugPreparations	Drug Preparations	drugPreparations	AVP1066	O	string	1/200		instructions for the consumer in preparing the product before usage. This may be pre-labeled on product or need to be labeled per target market regulations. Example Shake before using, Add to	AVP FOOD & BEVERAGE

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								200ml of water, etc.	
drugSideEffectsAndWarnings	Drug Side Effects And Warnings	drugSideEffectsAndWarnings	AVP1067	O	string	1/200		information to the side effects of the drug. This may be pre-labeled on product or need to be labeled per target market regulations. Example Could make you drowsy, Do not operate machinery, Do not take if you are pregnant, etc	AVP FOOD & BEVERAGE
extendedAllergenTypeCode	Extended Allergen Type Code	extendedAllergenTypeCode	AVP1068	O	string	1/75		Code indicating the type of allergen.	AVP FOOD & BEVERAGE
fatPercentageInDryMatter	Fat Percentage In Dry Matter	fatPercentageInDryMatter	AVP1069	O	integer	1/10		The amount of fat contained in the base product expressed in percentage	AVP FOOD & BEVERAGE
foodCompositionAgencyNameCode	Food Composition Agency Name Code	foodCompositionAgencyNameCode	AVP1070	O	string	1/70		The Localized nutrient agencies that are needed for regulatory claims within target markets. These agencies each have a database local for their market, Populate with "USDA" for known menu components. To see the website of Target Market Nutrient databases and their associated Agencies check here:	AVP FOOD & BEVERAGE

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
									GDSN CIN AVP Extension Attribute Map
								http://www.eurofir.net/eurofir_knowledge/europe	
foodCompositionDescription	Food Composition Description	foodCompositionDescription	AVP1071	O	string	1/256		A text description of either the associated value or the actual database entry lookup as some databases do not contain value lookups of nutrient representation	AVP FOOD & BEVERAGE
ingredientOfConcernCode	Ingredient Of Concern Code	ingredientOfConcernCode	AVP1072	O	string	1/70		Indicates a claim to an ingredient, considered to be a concern for regulatory or other reasons, and which is "contained" within the trade item but may not need to specify the amount whether approximate, or an accurate measurement be given. Datatype codelist IngredientOfConcernCode, values: IODISED_SALT, RAW_MILK	AVP FOOD & BEVERAGE
isPrivateLabel	Is Private Label	isPrivateLabel	AVP1073	O	boolean			Determines whether the trade item is private label.	AVP MARKETING & CONTACT INFORMATION
isTradeItemSoldInSpecialtyRetail	Is Trade Item Sold In Specialty Retail	isTradeItemSoldInSpecialtyRetail	AVP1074	O	boolean			called Specialty Retail. Retailer concentrating on selling one merchandise line of goods for a particular and usually selective clientele. Examples are stores selling electronics, bagels, leather	AVP MARKETING & CONTACT INFORMATION

Participant Dictionary

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							GDSN CIN AVP Extension Attribute Map		
								goods, organic foods, imported china, etc. Specialty retailers have a narrow but deep selection in their specialty.	
nonFoodIngredient Statement	Non Food Ingredient Statement	nonFoodIngredient Statement	AVP1075	O	string	1/4000	0 to Many	Information on the constituent non-food ingredient make-up of the product specified as one string.	AVP FOOD & BEVERAGE
rankBelowSpecies	Rank Below Species	rankBelowSpecies	AVP1077	O	string	1/1000		This can be either the Sub-Species, Variety, Sub-Variety, Form, and/or Sub-Form of an organism. All are taxonomic rank below that of species. For the EU this is representative of the OECD Commercial Type.	AVP FOOD & BEVERAGE
recommendedArea OfConsumerPickUp Code	Recommended Area Of Consumer Pick Up Code	recommendedArea OfConsumerPickUp Code	AVP1078	O	string	1/70		When selling a bulk item to a consumer, the retailer must know a recommended placement for the consumer purchase decision point of the item and location within the retail store . For example a potato salad bulk my need to be portioned to a consumer at a service counter as the purchase amount is dependent on what the consumer would	AVP MARKETING & CONTACT INFORMATION

Participant Dictionary

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
									GDSN CIN AVP Extension Attribute Map
								like to purchase.	
servingSizeGramW eight	Serving Size Gram Weight	servingSizeGramW eight	AVP1079	O	float			The gram weight for the recommended serving size. Serving sizes are typically expresed on the package in units meaningful to the consumer, such as 1 bag, or 3 pieces, this value is the equivalent weight value in grams.	AVP FOOD & BEVERAGE
speciesForFisheryS tatisticsPurposesCo de	Species For Fishery Statistics Purposes Code	speciesForFisheryS tatisticsPurposesCo de	AVP1080	O	string	1/70		The FAO 3 Alpha code of the species of fish for fish and seafood.	AVP FOOD & BEVERAGE
speciesForFisheryS tatisticsPurposesNa me	Species For Fishery Statistics Purposes Name	speciesForFisheryS tatisticsPurposesNa me	AVP1081	O	string	1/200		The scientific name associated with the speciesforFisheryStatisticsPur posesCode	AVP FOOD & BEVERAGE
storageStateCode	Storage State Code	storageStateCode	AVP1082	O	string	1/70		A code depicting that the referred product was previously frozen or not.	AVP FOOD & BEVERAGE
targetedConsumpti onBy	Targeted Consumption By	targetedConsumpti onBy	AVP1083	O	string	1/75		The food is intended by end consumption by this animal(s).	AVP FOOD & BEVERAGE
unspecifiedPrepara tionTypePreparatio nInstructions	Unspecified Preparation Type Preparation Instructions	unspecifiedPrepara tionTypePreparatio nInstructions	AVP1084	O	string	1/2500		Provides preparation instructions in free text.	AVP FOOD & BEVERAGE

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colspan="10"	**GDSN CIN AVP Extension Attribute Map**
mustTradeItemBeChilled	Must Trade Item Be Chilled	mustTradeItemBeChilled	AVP1085	O	boolean			Indicator of a compulsory refrigeration for the product.	AVP FOOD & BEVERAGE
alcoholicProductBeverageType	Alcoholic Product Beverage Type	alcoholicProductBeverageType		O	string	1/70	0..1	Indication of type of alcohol beverage.	AVP FOOD & BEVERAGE
alcoholicProductColour	Alcoholic Product Colour	alcoholicProductColour		O	string	1/5	0..1	Indication of type of alcohol beverage.	AVP FOOD & BEVERAGE
alcoholicProductRegion	Alcoholic Product Region	alcoholicProductRegion		O	string	1/70	0..1	The region of origin answers the question: From which geographically defined region does the wine come from?	AVP FOOD & BEVERAGE
alcoholicProductsTypeOfTaste	Alcoholic Products Type OfTaste	alcoholicProductsTypeOfTaste		O	string	1/35	0..1	Classification of the product according to the amount of residual sugar contained.	AVP FOOD & BEVERAGE
Vintner	Vintner	vintner		O	string	1/70	0..1	The name of the person who is hired by a winery or wine company who is responsible for many of the processes in the preparation, taste and quality of the wine produced. The science of wine making is refered to oenology. The vintner is the oenologist.	AVP FOOD & BEVERAGE
alcoholicProductVineVariety	Alcoholic Product Vine Variety	alcoholicProductVineVariety		O	string	1/70	0..1	Indication of the vine varieties contained in the alcohol beverage.	AVP FOOD & BEVERAGE
alcoholProductsClosingTypeOfBottle	Alcohol Products Closing Type Of Bottle	alcoholProductsClosingTypeOfBottle		O	string	1/30	0..1	Indication of the closing type of bottle.	AVP FOOD & BEVERAGE

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
			GDSN CIN AVP Extension Attribute Map						
bFRAdditionalIdentificationCode	bFR Additional Identification Code	bFRAdditionalIdentificationCode		O	string	1/80	0 to Many	European product Id for detergents with regard to the EU regeulation for detergents.	AVP PRODUCT DESCRIPTION & ALTERNATES
catchArea	Catch Area	catchArea		O	string	1/40	0 to Many	FAO Major Fishing Areas. For statistical purposes, 27 major fishing areas have been internationally established to date.	AVP FOOD & BEVERAGE
catchDateTime	Catch Date Time	catchDateTime		O	string	1/35	0..1	The date of the catch within the EDI and/or Information at the label distributed with the product for information of any single lot of fresh fish and seafood product. Format (YYYYMMDD) as a specification with time stamp is not required in the current EU Regulation.	AVP FOOD & BEVERAGE
catchMethod	Catch Method	catchMethod		O	string	1/70	0 to Many	The catch method for fish and seafood as specified by FAO, Fisheries and Aquaculture Department of the Food and Agriculture Organization of the United Nations. This required attribute will help the global retail industry to fulfil the EU requirements for a common	AVP FOOD & BEVERAGE
cheeseColouring	Cheese Colouring	cheeseColouring		O	string	1/50	0 to Many	Indication whether and if yes which colourings were added	AVP FOOD & BEVERAGE

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								to the cheese or cheese products.	
cheeseMaturationContainerProcessType	Cheese Maturation Container Process Type	cheeseMaturationContainerProcessType		O	string	1/35	0 to Many	The type of container that the process of maturation cheese occurs in. The container directly influences the flavour of the cheese. The term maturation is also know in other markets as Aged. Examples FOIL, MOULD, OTHER, etc. This should be repeatable as this could be a combination of types	AVP FOOD & BEVERAGE
cheeseMaturationPeriodDescription	Cheese Maturation Period Description	cheeseMaturationPeriodDescription		O	string	1/70	0..1	A descriptive way to specify a date range as some cheeses are matured over a period of time, but not an exact period. For example 3 to 4 weeks, over 1 year etc. The term maturation is also know in other markets as Aged.	AVP FOOD & BEVERAGE
cheeseSaltContentPercentage	Cheese Salt Content Percentage	cheeseSaltContentPercentage		O	float	2/7	0..1	The percentage of salt contained in cheese.	AVP FOOD & BEVERAGE
cheeseTypeOfSalt	Cheese Type Of Salt	cheeseTypeOfSalt		O	string	1/30	0 to Many	Type of salt used in cheese	AVP FOOD & BEVERAGE
germanFoodCodeAndNutrientBase	German Food Code And Nutrient Base	germanFoodCodeAndNutrientBase		O	string	1/7		Indication of the German Food Code and Nutrient Base that corresponds for this	AVP FOOD & BEVERAGE

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								item.	
isReturnableAssetEmpty	Is Returnable Asset Empty?	isReturnableAssetEmpty		O	string	1/35	0..1	Is the returnable asset empty or full?	AVP FOOD & BEVERAGE
isTradeItemMedicalDevice	Is Trade Item Medical Device?	isTradeItemMedicalDevice		O	Boolean		0..1	Indication whether the trade item is a medical device according to the corresponding EU Directive.	AVP PRODUCT DESCRIPTION & ALTERNATES
lastPermittedSalesDate	Last Permitted Sales Date	lastPermittedSalesDate		O	string	1/70	0..1	Last date, on which the item may be sold to consumers.	AVP MARKETING & CONTACT INFORMATION
milkFatInMilkContent	Milk Fat In Milk Content	milkFatInMilkContent		O	float	2/5	0..1	Percentage of fat contained in milk content of the product.	AVP FOOD & BEVERAGE
milkProducts	Milk Products	milkProducts		O	string	1/35	0..1	Characterisation of products on milk basis.	AVP FOOD & BEVERAGE
netVolume	Net Volume	netVolume		O	float	3/12	0..1	Value of net volume of the trade item.	AVP MEASURES
organicProductCountryOfOriginFarming	Organic Product Country Of Origin Farming	organicProductCountryOfOriginFarming		O	string	1/3	0..1	Indication of the country where all agricultural raw materials of which the product is composed have been farmed in.	AVP FOOD & BEVERAGE
organicProductPlaceOfFarming	Organic Product Place Of Farming	organicProductPlaceOfFarming		O	string	1/70	0..1	Indication of the place where the agricultural raw materials of which the product is composed have been farmed, acc. to Council Regulation (EC) No 834/2007.	AVP FOOD & BEVERAGE
productionFacilityName	Production Facility Name	productionFacilityName		O	string	1/70	0 to Many	Designation of a business and location of the commercial unit, where the	AVP MARKETING & CONTACT INFORMATION

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								product is produced. As a product might be produced at different locations, multiple indications are possible.	
productionMethodF orFishAndSeafoodC ode	Production Method For Fish And Seafood Code	productionMethodF orFishAndSeafoodC ode		O	string	1/70	0..1	The production method for fish and seafood is specified by FAO, Fisheries and Aquaculture Department of the Food and Agriculture Organization of the United Nations. This required attribute will help the global retail industry to fulfill the EU requirements for a common fisheries policy.	AVP FOOD & BEVERAGE
productServingSize	Product Serving Size	productServingSize		O	float	3/12	0..1	Acc. to § 5 (2) "Nutrition labeling regulations for foodstuffs" nutritional values can be given additionally per serving that is quantitatively fixed on the label or per serving, as far as the number of covered servings is indicated on the packaging once prepared, serving size = unprepared If a serving size as stated on a label is 100gr but once prepared like Instant packaged soup is 200ml, this would be the 200 ml This is the prepared basis of	AVP FOOD & BEVERAGE

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extensio n	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								serving size	
packageDateReaso nType	Package Date Reason Type	packageDateReaso nType		O	string	1/70	0..1	Indication that the package date is voluntary information.	AVP MARKETING & CONTACT INFORMATION
importClassification RegionOfOrigin	Import Classification Region Of Origin	importClassification RegionOfOrigin		O	string	1/70	0 to Many	Specifies the region of origin of the trade item as part of import classification. This is required by Intrastat. This is a region and not a country, uses ISO3166-2	AVP MANUFACTURING, HANDLING, & DELIVERY
sinfosPackagingTyp eCode	Sinfos Packaging Type Code	sinfosPackagingTyp eCode		O	string	1/70	0..1	Indication of the EANCOM packaging type code (Sinfos subset).	AVP PACKAGING
tradeItemFormCod e	Trade Item Form Code	tradeItemFormCod e		O	string	1/35	0 to Many	A code representation of the form of the actual trade item, not the packaging.	AVP FOOD & BEVERAGE
tradeItemKeyWord s	Trade Item Key Words	tradeItemKeyWord s		O	string	1/1000	0 to Many	Words or phrases that enables web search engines to find trade items on the internet	AVP MARKETING & CONTACT INFORMATION
sunProtectionFacto r	Sun Protection Factor	sunProtectionFacto r		O	string	1/4	0..1	It is a measure of Ultra Violet B (UVB) radiation protection and ranges from 1 to 90.	AVP MARKETING & CONTACT INFORMATION
feedType	Feed Type	feedType		O	string	1/500	0..1	Food given to wild or domestic animals in the course of animal husbandry. Fodder refers particularly to food given to the animals (including plants cut and carried to them), rather than that which they forage for	AVP MARKETING & CONTACT INFORMATION

GDSN CIN AVP Extension Attribute Map

Inbound 1SYNC XML Name	IM GUI Attribute Name	GDSN CIN Extension Name & Outbound 1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/ D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definition	IM GUI AVP Extension Location
								themselves. It includes hay, straw, silage, compressed and pelleted feeds, oils and mixed rations, and sprouted grains and legumes.	
isTradeItemACombinationItem	Is Trade Item A Combination Item?	isTradeItemACombinationItem		O	string	1/60	0..1	An indicator whether a product assigned with one GTIN contains components which could have different tax rates for example chocolate eggs with toys would be chocolate 7% and toy 19%.	AVP PRICE, TAX, & PAYMENT
tradeItemFeatureBenefitExpanded	Trade Item Feature Benefit Expanded	tradeItemFeatureBenefitExpanded	AVP1091	O	string	1/250	0 to Many	Element for consumer facing marketing content to describe the key features or benefits of the style suitable for display purposes. FSENet, GS1 CA	AVP MARKETING & CONTACT INFORMATION
notSignificantSourceOfNutrient	Not Significant Source Of Nutrient	notSignificantSourceOfNutrient	AVP1092	O	string	1/10	0..1	This will allow for the population of nutrient information where the listed nutrient is in such a trace amount that a statement is placed on the packaging that it is not of significance.	AVP FOOD & BEVERAGE

GDSN CIN AVP Extension Attribute Map

APPENDIX BAR – GDSN CIN BARCODE EXTENSION INFORMATION

This appendix has been designed to work in conjunction with the 1SYNC *IM Participant Dictionary*, the *Data Source GDSN Interoperability Guide*, and the *1SYNC IM Valid Values List* documents to provide a summary of the core 1SYNC IM trade item attributes required for data synchronization, as well all of the Barcode Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

Sending the Barcode Extension on a CIN Message

The Barcode Extension will be sent to customers that are configured at 1SYNC to receive the extension. The Barcode Extension is considered Optional and will be sent to the Retailer once the Retailer GLN is setup to receive the extension and will only be present on the CIN message if all of the conditions are met and all validations have been passed.

Along with the Retailer setup, either (EANUCCCode, EANUCCType) AND/OR isBarCodeDerivable must be present and in the valid format for the Barcode extension to be created on the CIN.

APPENDIX CAN – GS1 CANADA-SPECIFIC ATTRIBUTE INFORMATION

This appendix has been designed to work in conjunction with the 1SYNC *IM Participant Dictionary*, *the Data Source 1SYNC XML Guide, the Data Recipient 1SYNC XML Guide, and the 1SYNC IM Valid Values List* documents to provide a summary of the core 1SYNC IM trade item attributes required for data synchronization, as well all of the GS1 Canada-specific attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

Sending the GS1 Canada-specific attributes on the 1SYNC XML CIN Message

The attributes mapped specifically to GS1 Canada in the 1SYNC XML CIN message will be sent to customers that are configured at 1SYNC to receive these attributes. The Canada-specific attributes are considered Optional and will be sent to GS1 Canada once the receiver GLNs are setup to receive these attributes and will only be present on the CIN message if all of the conditions are met and all validations have been passed.

General Mapping Rules, Validations, and Resulting Responses

Listed below are the 1SYNC Item attributes mapped specifically to GS1 Canada in the 1SYNC XML CIN message with the applicable mapping logic. Also listed are potential error conditions resulting in a message or a failure as noted in the table below.

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GS1 Canada CIN Extension Attribute Map								
Reinstatement Date	reinstatementDate	CAN001	O	DateTime		0 or 1	The date when a previously discontinued item is reinstated and again available for ordering.	
Not Legal to Advertise	notLegalToAdvertise	CAN002	O	String		0 or more	Indicates whether or not the item is not legal to advertise by province.	Value is mapped inbound if within "Canadian Provinces" valid values list found in the *1SYNC IM Valid Values List*; otherwise an error will be sent. Relevant for RX Products only.
Not Legal to Discount	notLegalToDiscount	CAN003	O	String	2/2	0 or more	Indicates whether or not the item is not legal to discount by province (i.e. the item is subject to government regulation regarding either price floors or pricing practices).	Relevant for RX Products only.
GST/HST Applicable?	gSTHSTApplicable	CAN004	O	String	1/10	0 or 1	Indicates whether or not GST/HST taxes are applicable to the product at point of sale to the consumer.	Value is mapped inbound if within "GST/HST Applicable Values" valid values list found in the *1SYNC IM Valid Values List*, otherwise an error will be sent.

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GS1 Canada CIN Extension Attribute Map								
PST Applicable by Province	pSTApplicableByProvince	CAN005	O	String	2/2	0 to many	Taxes applicable to the product at point-of-sale to the consumer. A two part code consisting of: Part I, PST = Provincial Sales Tax and Part II, The two-character province or territory code.	Value is mapped inbound if within "Canadian Provinces" valid values list found in the *1SYNC IM Valid Values List*, otherwise an error will be sent.
Environmental Levy Applicable by Province	environmentalLevyApplicableByProvince	CAN006	O	String	2/2	0 to many	This is a code that is used to identify packaging features valuable for consumers or any party in the supply chain.	Value is mapped inbound if within "Canadian Provinces" valid values list found in the *1SYNC IM Valid Values List*, otherwise an error will be sent.
Juice Content Percentage	juiceContentPercentage	CAN007	O	Decimal	1/5,2	0 or 1	For natural beverages - the percentage concentration of natural juice. Required for products having sufficient concentration to have different treatment under GST legislation.	
Marked Lot Number	markedLotNumber	CAN008	O	Boolean		0 or 1	Identifies that the product is marked with a lot number.	
Weight Scale Description	weightScaleDescription	CAN009	O	String	1/26	0 or 1	For Produce and Fresh Meat variable weight items a description to appear on the weight scale generated label. Formatted as two lines of up to 26 characters.	Language-specific attribute
Special Handling Code - Transportation	specialHandlingCodeTransportation	CAN011	O	String	3/3	0 or 1	Specifies special transportation handling instructions.	Value is mapped inbound if within "Handling Instruction Code" valid values list found in the *1SYNC IM Valid Values List*, otherwise an error will be sent.

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GS1 Canada CIN Extension Attribute Map								
Channel Of Distribution	channelOfDistribution	CAN013	O	String	1/5	0 to many	Indicates into which retail channel(s) the item is sold.	Value is mapped inbound if within "Channel Of Distribution" valid values list found in the *1SYNC IM Valid Values List*, otherwise an error will be sent.
Hazmat Class	canadaHazMat/hazMatClass	CAN014	O	String	1/12	0 to many	Hazardous Materials Classification Agency.	
Hazmat Code	canadaHazMat/hazMatCode	CAN015	O	String	1/12	0 to many	Hazardous Materials Classification Code.	
Hazmat Description	canadaHazMat/hazMatDesc	CAN016	O	String	1/80	0 to many	A free-form description of the hazardous material.	Language-specific attribute
Heat Of Combustion	heatOfCombustion	CAN017	O	Decimal	1/23,15	0 or 1	The amount of heat generated by the item should it catch on fire. Expressed as BTU's per Pound. Required only for hazardous materials.	All dependent attributes must be populated. Dependent attributes include: • Heat Of Combustion (CAN017) • Heat Of Combustion UOM (CAN018)
Heat Of Combustion UOM	heatOfCombustionUOM	CAN018	D	String	1/3	0 or 1	Unit of Measurement associated with the Heat Of Combustion value.	All dependent attributes must be populated. Dependent attributes include: • Heat Of Combustion (CAN017) • Heat Of Combustion UOM (CAN018) Value is mapped inbound if within "Standard Temperature UOM" valid values list found in the *1SYNC IM Valid Values List*; otherwise, an error will be sent.

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GS1 Canada CIN Extension Attribute Map								
Broker Invoice Indicator	brokerInvoiceIndicator	CAN019	O	Boolean		0 or 1	Indication required when Brokers are populating one Vendor catalogue with products from several manufacturers and need to identify a different invoicing relationship than a manufacturer.	
Percentage Of Water Content	percentageOfWaterContent	CAN020	O	Decimal	1/23,15	0 or 1	Percentage of product that is water.	
Percentage Of Moisture Loss	percentageOfMoistureLoss	CAN021	O	Decimal	1/23,15	0 or 1	Percentage of moisture loss after cooking the product.	
Delivery Lead Time	deliveryLeadTime	CAN022	O	String	1/3	0 or 1	Qualifies the Lead Time Value as being from either the ID 2 date of PO receipt to shipment or the date of PO receipt to delivery. Examples: AE - From date of PO receipt to shipment, AF - From date of PO receipt to delivery.	
Minimum Trade Item Days In Warehouse	minimumTradeItemDaysInWarehouse	CAN023	O	Integer	1/10	0 or 1	Number of days the product can stay warehoused.	
Production Type	productionType	CAN024	O	String	1/3	0 or 1	Indicates how product is made/sold. Examples: MF – Manufactured, PU – Purchased, CP – Co-Packed.	
Expiry Date Format	expiryDateFormat	CAN025	O	String	1/3	0 or 1	Indicates the derivation of the expiry date used on the product. Examples: NU - Numerical, JU - Julian.	
Operator Description	operatorDescription	CAN026	O	String	1/1000	0 or 1	Used to relate pertinent product information to operators who sell the final product to consumers.	Language-specific attribute

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GS1 Canada CIN Extension Attribute Map								
Consumer Support Number	consumerSupportNumber	CAN027	O	String	1/35	0 to many	The toll free support phone number(s) for the product/category.	
For More Info About Product	forMoreInfoAboutProduct	CAN028	O	String	1/1000	0 or 1	Utility field providing space for any information not covered in previous fields on packaging. May include 800 number or an address to write to for additional information about the product.	Language-specific attribute
Package And Storage About Product	packageAndStorageAbout Product	CAN029	O	String	1/1000	0 or 1	Describes special packaging features or the type of containers the product is packaged in (carton or bag with poly-lining, or reusable plastic tubs) and any special storage instructions. Accented characters may be used.	Language-specific attribute
Is Custom Label?	isCustomLabel	CAN030	O	Boolean		0 or 1	Indicates if the product is custom label.	
Average Servings Per Case	averageServingsPerCase	CAN031	O	Decimal	1/23,15	0 or 1	Suggested serving size divided into the overall pack size.	
Suggested Serving Size	suggestedServingSize	CAN032	O	Decimal	1/23,15	0 to many	Consumable serving size suggested by manufacturer.	All dependent attributes must be populated. Dependent attributes include: • Suggested Serving Size (CAN032) • Suggested Serving Size UOM (CAN033)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GS1 Canada CIN Extension Attribute Map								
Suggested Serving Size UOM	suggestedServingSizeUOM	CAN033	D	String	1/3	0 to many	The unit of measurement associated with the suggested serving size.	All dependent attributes must be populated. Dependent attributes include: • Suggested Serving Size (CAN032) • Suggested Serving Size UOM (CAN033) Value is mapped inbound if within "UOM" valid values list found in the *1SYNC IM Valid Values List*, otherwise an error will be sent.

APPENDIX CHEM – CHEMICAL INGREDIENTS EXTENSION

This appendix has been designed to work in conjunction with the 1SYNC *IM Participant Dictionary*, *the Data Source 1SYNC XML Guide, the Data Recipient 1SYNC XML Guide, and the 1SYNC IM Valid Values List* documents to provide a summary of the core 1SYNC IM trade item attributes required for data synchronization, as well all of the GS1 Canada-specific attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

Sending the Chemical Ingredients-specific attributes on the 1SYNC XML CIN Message

The attributes mapped specifically to Chemical Ingredients extension in the 1SYNC XML CIN message will be sent to customers that are configured at 1SYNC to receive these attributes. The Chemical Ingredient attributes are considered Optional and will be sent to receivers once the receiver GLNs are setup to receive these attributes and will only be present on the CIN message if all of the conditions are met and all validations have been passed.

General Mapping Rules, Validations, and Resulting Responses

Listed below are the 1SYNC Item attributes mapped specifically to the 1SYNC XML CIN message with the applicable mapping logic. Also listed are potential error conditions resulting in a message or a failure as noted in the table below.

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Referenced File Information	chemicalIngredientInformation/referencedFileInformation							
Referenced File Type Code	chemicalIngredientInformation/referencedFileInformation/referencedFileTypeCode	CHEM001	O	Text	1/35	1 (in group "referencedFileInformation," which allows 0 to many)	The file type that is being referenced.	All dependent attributes must be populated. Dependent attributes include: • Referenced File Type Code (CHEM001)
Content Description	chemicalIngredientInformation/referencedFileInformation/contentDescription	CHEM002	O	Text	1/70	0 to many by language (in group "referencedFileInformation," which allows 0 to many)	Free form description of the content of the file.	All dependent attributes must be populated. Dependent attributes include: • Referenced File Type Code (CHEM001)
File Creation Program	chemicalIngredientInformation/referencedFileInformation/fileCreationProgram	CHEM003	O	Text	1/70	0 to many (in group "referencedFileInformation," which allows 0 to many)	The program used in the creation of the digital asset.	All dependent attributes must be populated. Dependent attributes include: • Referenced File Type Code (CHEM001)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Effective End Date	chemicalIngredientInformation/referencedFileInformation/fileEffectiveEndDateTime	CHEM004	O	DateTime		0 or 1 (in group "referencedFileInformation," which allows 0 to many)	The date this image ceases to be the current image for the trade item.	All dependent attributes must be populated. Dependent attributes include: • Referenced File Type Code (CHEM001)
File Effective Start Date	chemicalIngredientInformation/referencedFileInformation/fileEffectiveStartDateTime	CHEM005	O	DateTime		0 or 1 (in group "referencedFileInformation," which allows 0 to many)	The date this image is the current image for this trade item.	All dependent attributes must be populated. Dependent attributes include: • Referenced File Type Code (CHEM001)
File Format Description	chemicalIngredientInformation/referencedFileInformation/fileFormatDescription	CHEM006	O	Text	1/70	0 to many by language (in group "referencedFileInformation," which allows 0 to many)	Free form description of the format of the file.	All dependent attributes must be populated. Dependent attributes include: • Referenced File Type Code (CHEM001)
File Format Name	chemicalIngredientInformation/referencedFileInformation/fileFormatName	CHEM007	O	Text	1/10	0 or 1 (in group "referencedFileInformation," which allows 0 to many)	The name of the file format. Examples: PDF, JPEG, BMP, etc.	All dependent attributes must be populated. Dependent attributes include: • Referenced File Type Code (CHEM001)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Name	chemicalIngredientInformation/referencedFileInformation/fileName	CHEM008	O	Text	1/70	0 or 1 (in group "referencedFileInformation," which allows 0 to many)	The name of the file that contains the external information.	All dependent attributes must be populated. Dependent attributes include: • Referenced File Type Code (CHEM001)
File Optimal Viewer Name	chemicalIngredientInformation/referencedFileInformation/fileOptimalViewerName	CHEM009	O	Text	1/200	0 to many (in group "referencedFileInformation," which allows 0 to many)	The optimal viewer for the file that is being referenced.	All dependent attributes must be populated. Dependent attributes include: • Referenced File Type Code (CHEM001)
File Origin Country	chemicalIngredientInformation/referencedFileInformation/fileOriginCountry	CHEM0010	O	Text	1/3	0 to many (in group "referencedFileInformation," which allows 0 to many)	The country where the digital asset originated.	All dependent attributes must be populated. Dependent attributes include: • Referenced File Type Code (CHEM001)
File Version	chemicalIngredientInformation/referencedFileInformation/fileVersion	CHEM011	O	Text	1/70	0 or 1 (in group "referencedFileInformation," which allows 0 to many)	A description of the terms used by the manufacturer to denote the version of the digital asset.	All dependent attributes must be populated. Dependent attributes include: • Referenced File Type Code (CHEM001)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Uniform Resource Identifier	chemicalIngredientInformation/referencedFileInformation/uniformResourceIdentifier	CHEM012	O	Text	1/512	0 or 1 (in group "referencedFileInformation," which allows 0 to many)	Simple text string that refers to a resource on the internet. URIs may refer to documents, resources, people, etc.	All dependent attributes must be populated. Dependent attributes include: • Referenced File Type Code (CHEM001)
RegistrationInformation	chemicalIngredientInformation/registrationInformation							
Registration Agency	chemicalIngredientInformation/registrationInformation/registrationAgency	CHEM014	O	Text	1/200	1 (in group "registrationInformation," which allows 0 to many)	The Agency that the file has been registered with.	
Registration Number	chemicalIngredientInformation/registrationInformation/registrationNumber	CHEM015	O	Text	1/70	0 to many (in group "registrationInformation," which allows 0 to many)	The number assigned by the registration agency.	All dependent attributes must be populated. Dependent attributes include: • Registration Agency (CHEM014)
Restriction Description	chemicalIngredientInformation/registrationInformation/restrictionDescription	CHEM016	O	Text	1/70	0 to many by language (in group "registrationInformation," which allows 0 to many)	Free form description of any restrictions placed on the file.	All dependent attributes must be populated. Dependent attributes include: • Registration Agency (CHEM014)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Registration End Date	chemicalIngredientInformation/registrationInformation/registrationEndDateTime	CHEM017	O	DateTime		0 to 1 (in group "registrationInformation," which allows 0 to many)	The Date that the registration will expire.	All dependent attributes must be populated. Dependent attributes include: • Registration Agency (CHEM014)
Chemical Certification Information	chemicalIngredientInformation/chemicalCertificationInformation							
Chemical Evaluation Certificate Identification	chemicalIngredientInformation/chemicalCertificationInformation/chemicalEvaluationCertificateIdentification	CHEM019	O	Text	1/70	1 (in group "chemicalCertificationInformation," which allows 0 to many)	A certificate number issued by the 3rd Party to confirm that the Trade Item has gone through chemical evaluation.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Chemical Evaluation Certification Organization GLN	chemicalIngredientInformation/chemicalCertificationInformation/chemicalEvaluationCertificationOrganizationGLN	CHEM020	O	Text	13/13	1 (in group "chemicalCertificationInformation," which allows 0 to many)	The Global Location Number (GLN) is a structured Identification of a physical location, legal or functional entity within an enterprise. The GLN is the primary party identifier.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037)
Additional Party Identification	chemicalIngredientInformation/chemicalCertificationInformation/additionalPartyIdentification							
Additional Party Identification Type	chemicalIngredientInformation/chemicalCertificationInformation/additionalPartyIdentification/additionalPartyIdentificationType	CHEM022	O	Text	1/70	0 to many (in group "chemicalCertificationInformation," which allows 0 to many)	Identification of a party by use of a code other than the Global Location Number.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037) • Additional Party Identification Type (CHEM022) • Additional Party Identification Value (CHEM023)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Additional Party Identification Value	chemicalIngredientInformation/chemicalCertificationInformation/additionalPartyIdentification/additionalPartyIdentificationValue	CHEM023	O	Text	1/70	0 to many (in group "chemicalCertificationInformation," which allows 0 to many)	A party identifier that is in addition to the GLN.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037) • Additional Party Identification Type (CHEM022) • Additional Party Identification Value (CHEM023)
ReferencedFile Information	chemicalIngredientInformation/chemicalCertificationInformation/referencedFileInformation							

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
ReferencedFile Type Code	chemicalIngredientInformation/chemicalCertificationInformation/referencedFileInformation/referencedFileTypeCode	CHEM025	O	Text	1/35	1 (in group "referencedFileInformation," which allows 0 to many, which is in the group "chemicalCertificationInformation which allows 0 to many)	The optimal viewer for the file that is being referenced.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037) • Referenced File Type Code (CHEM025)
Content Description	chemicalIngredientInformation/chemicalCertificationInformation/referencedFileInformation/contentDescription	CHEM026	O	Text	1/70	0 to many by language (in group "referencedFileInformation," which allows 0 to many, which is in the group "chemicalCertificationInformation which allows 0 to many)	Free form description of the content of the file.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037) • Referenced File Type Code (CHEM025)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Creation Program	chemicalIngredientInformation/chemicalCertificationInformation/referencedFileInformation/fileCreationProgram	CHEM027	O	Text	1/70	0 to many (in group "referencedFileInformation," which allows 0 to many, which is in the group "chemicalCertificationInformation which allows 0 to many)	The program used in the creation of the digital asset.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037) • Referenced File Type Code (CHEM025)
File Effective End Date	chemicalIngredientInformation/chemicalCertificationInformation/referencedFileInformation/fileEffectiveEndDateTime	CHEM028	O	DateTime		0 to 1 (in group "referencedFileInformation," which allows 0 to many, which is in the group "chemicalCertificationInformation which allows 0 to many)	The date this image ceases to be the current image for the trade item.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037) • Referenced File Type Code (CHEM025)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Effective Start Date	chemicalIngredientInformation/chemicalCertificationInformation/referencedFileInformation/fileEffectiveStartDateTime	CHEM029	O	DateTime		0 to 1 (in group "referencedFileInformation," which allows 0 to many, which is in the group "chemicalCertificationInformation which allows 0 to many)	The date this image is the current image for this trade item.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037) • Referenced File Type Code (CHEM025)
File Format Description	chemicalIngredientInformation/chemicalCertificationInformation/referencedFileInformation/fileFormatDescription	CHEM030	O	Text	1/70	0 to many by language (in group "referencedFileInformation," which allows 0 to many, which is in the group "chemicalCertificationInformation which allows 0 to many)	Free form description of the format of the file.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037) • Referenced File Type Code (CHEM025)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Format Name	chemicalIngredientInformation/chemicalCertificationInformation/referencedFileInformation/fileFormatName	CHEM031	O	Text	1/10	0 or 1 (in group "referencedFileInformation," which allows 0 to many, which is in the group "chemicalCertificationInformation which allows 0 to many)	The name of the file format. Examples: PDF, JPEG, BMP	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037) • Referenced File Type Code (CHEM025)
File Name	chemicalIngredientInformation/chemicalCertificationInformation/referencedFileInformation/fileName	CHEM032	O	Text	1/70	0 or 1 (in group "referencedFileInformation," which allows 0 to many, which is in the group "chemicalCertificationInformation which allows 0 to many)	The name of the file that contains the external information.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037) • Referenced File Type Code (CHEM025)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Optimal Viewer Name	chemicalIngredientInformation/chemicalCertificationInformation/referencedFileInformation/fileOptimalViewerName	CHEM033	O	Text	1/200	0 to many (in group "referencedFileInformation," which allows 0 to many, which is in the group "chemicalCertificationInformation which allows 0 to many)	The optimal viewer for the file that is being referenced.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037) • Referenced File Type Code (CHEM025)
File Origin Country	chemicalIngredientInformation/chemicalCertificationInformation/referencedFileInformation/fileOriginCountry	CHEM034	O	Text	1/3	0 to many (in group "referencedFileInformation," which allows 0 to many, which is in the group "chemicalCertificationInformation which allows 0 to many)	The country where the digital asset originated.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037) • Referenced File Type Code (CHEM025)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Version	chemicalIngredientInformation/chemicalCertificationInformation/referencedFileInformation/fileVersion	CHEM035	O	Text	1/70	0 or 1 (in group "referencedFileInformation," which allows 0 to many, which is in the group "chemicalCertificationInformation which allows 0 to many)	A description of the terms used by the manufacturer to denote the version of the digital asset.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037) • Referenced File Type Code (CHEM025)
Uniform Resource Identifier	chemicalIngredientInformation/chemicalCertificationInformation/referencedFileInformation/uniformResourceIdentifier	CHEM036	O	Text	1/512	0 or 1 (in group "referencedFileInformation," which allows 0 to many, which is in the group "chemicalCertificationInformation which allows 0 to many)	Simple text string that refers to a resource on the internet. URIs may refer to documents, resources, people, etc.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037) • Referenced File Type Code (CHEM025)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Chemical Evaluation Certificate Identification	chemicalIngredientInformation/chemicalCertificationInformation/chemicalEvaluationCertificationDateTime	CHEM037	O	DateTime		1 (in group "chemicalCertificationInformation which allows 0 to many)	The date and time that a chemical assessment was performed on a Trade Item.	All dependent attributes must be populated. Dependent attributes include: • Chemical Evaluation Certificate Identification (CHEM019) • Chemical Evaluation Certification Organization GLN (CHEM020) • Chemical Evaluation Certification Date Time (CHEM037)
Chemical Regulation Information	chemicalIngredientInformation/chemicalRegulationInformation							
Chemical Regulation Agency	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulationAgency	CHEM039	O	Text	1/200	1 (in group "chemicalRegulationInformation," which allows 0 to many)	An agency that regulates chemicals for example the US Environmental Protection Agency.	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041)
Chemical Regulation	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation							

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Chemical Regulation Name	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/chemicalRegulationName	CHEM041	O	Text	1/200	1 (in group "chemicalRegulation," which allows 1 to many, which is in the group "chemicalRegulationInformation which allows 0 to many)	The name of a regulation managed by a regulatory agency to designed to restrict the handling, use, disposal of chemical ingredients for example Right to Know or CERCLA.	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041)
RegulatedChemical	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical							
Regulated Chemical Identifier	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalIdentifier							

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Code List ID	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalIdentifier/codeListId	CHEM044	O	Text	1/200	1 (in group "regulatedChemicalIdentifier" which allows 0 or 1, which is in group "regulatedChemical" which allows 0 to many, which is in group "chemicalRegulation," which allows 1 to many, which is in the group "chemicalRegulationInformation which allows 0 to many)	Dode for other stuff found- fish paultry	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041) • Code List ID (CHEM044) • Code Value (CHEM045) • Responsible Agency (CHEM046)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Code Value	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalIdentifier/codeValue	CHEM045	O	Text	1/200	1 (in group "regulatedChemicalIdentifier" which allows 0 or 1, which is in group "regulatedChemical" which allows 0 to many, which is in group "chemicalRegulation," which allows 1 to many, which is in the group "chemicalRegulationInformation which allows 0 to many)	Code value for more specific attr	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041) • Code List ID (CHEM044) • Code Value (CHEM045) • Responsible Agency (CHEM046)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Responsible Agency	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalIdentifier/responsibleAgency	CHEM046	O	Text	1/200	1 (in group "regulatedChemicalIdentifier" which allows 0 or 1, which is in group "regulatedChemical" which allows 0 to many, which is in group "chemicalRegulation," which allows 1 to many, which is in the group "chemicalRegulationInformation which allows 0 to many)	The Agency that the file has been registered with.	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041) • Code List ID (CHEM044) • Code Value (CHEM045) • Responsible Agency (CHEM046)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Regulated Chemical Name	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalName	CHEM047	O	Text	1/200	0 or 1 (in group "regulatedChemical" which allows 0 to many, which is in group "chemicalRegulation," which allows 1 to many, which is in the group "chemicalRegulationInformation which allows 0 to many)	The name of a chemical regulated by a chemical regulation for example Chlorobenzene.	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Technical Chemical Name	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/technicalChemicalName	CHEM048	O	Text	1/200	0 or 1 (in group "regulatedChemical" which allows 0 to many, which is in group "chemicalRegulation," which allows 1 to many, which is in the group "chemicalRegulationInformation which allows 0 to many)	The official technical name for a chemical as required by a managing agency for example mercuric chloride.	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Regulated Chemical Description	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalDescription	CHEM049	O	Text	1/1000	0 to many by language (in group "regulatedChemical" which allows 0 to many, which is in group "chemicalRegulation," which allows 1 to many, which is in the group "chemicalRegulationInformation which allows 0 to many)	A text description of the regulated chemical or formula.	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Test Criteria Description	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/testCriteriaDescription	CHEM050	O	Text	1/1000	0 to many by language (in group "regulatedChemical" which allows 0 to many, which is in group "chemicalRegulation," which allows 1 to many, which is in the group "chemicalRegulationInformation which allows 0 to many)	A description of any of the criteria or test data being used to determine if a regulated chemical exists.	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041)
Chemical Ingredient Property Information	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/chemicalIngredientPropertyInformation							

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Chemical Physical State Code	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/chemicalIngredientPropertyInformation/chemicalPhysicalStateCode	CHEM052	O	Text	1/35	0 or 1 (in group "chemicalIngredientPropertyInformation" which allows 0 to many, which is in group "regulatedChemical" which allows 0 to many, which is in group "chemicalRegulation," which allows 1 to many, which is in the group "chemicalRegulationInformation which allows 0 to many)	The state of matter of the trade item, for example LIQUID.	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Chemical Property Type Code	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/chemicalIngredientPropertyInformation/chemicalPropertyTypeCode	CHEM053	O	Text	1/35	0 or 1 (in group "chemicalIngredientPropertyInformation" which allows 0 to many, which is in group "regulatedChemical" which allows 0 to many, which is in group "chemicalRegulation," which allows 1 to many, which is in the group "chemicalRegulationInformation which allows 0 to many)	The type of chemical property being described expressed as a code such as TOXICITY.	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Chemical Property	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/chemicalIngredientPropertyInformation/chemicalProperty							

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Chemical Property Code	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/chemicalIngredientPropertyInformation/chemicalProperty/chemicalPropertyCode	CHEM055	O	Text	1/200	0 or 1 (in group "chemicalProperty" which allows 0 to many, which is in group "chemicalIngredientPropertyInformation" which allows 0 to many, which is in group "regulatedChemical" which allows 0 to many, which is in group "chemicalRegulation," which allows 1 to many, which is in the group "chemicalRegulationInformation which allows 0 to many)	A characteristic of a chemical substance expressed as a code.	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Chemical Property Name	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/chemicalIngredientPropertyInformation/chemicalProperty/chemicalPropertyName	CHEM056	O	Text	1/200	0 or 1 (in group "chemicalProperty" which allows 0 to many, which is in group "chemicalIngredientPropertyInformation" which allows 0 to many, which is in group "regulatedChemical" which allows 0 to many, which is in group "chemicalRegulation," which allows 1 to many, which is in the group "chemicalRegulationInformation which allows 0 to many)	A characteristic of a chemical substance expressed as a name for example radionuclide.	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Chemical Property Additional Description	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/chemicalIngredientPropertyInformation/chemicalProperty/chemicalPropertyAdditionalDescription	CHEM057	O	Text	1/1000	0 to many by language (in group "chemicalProperty" which allows 0 to many, which is in group "chemicalIngredientPropertyInformation" which allows 0 to many, which is in group "regulatedChemical" which allows 0 to many, which is in group "chemicalRegulation," which allows 1 to many, which is in the group "chemicalRegulationInformation which allows 0 to many)	A description of any conditions regarding a toxicity property for example a route of exposure and a target organ (e.g. inhalation and lungs).	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Regulated Chemical Sunset Date	chemicalIngredientInformation/chemicalRegulationInformation/chemicalRegulation/regulatedChemical/regulatedChemicalSunsetDate	CHEM058	O	DateTime		0 to 1 (in group "regulatedChemical" which allows 0 to many, which is in group "chemicalRegulation," which allows 1 to many, which is in the group "chemicalRegulationInformation which allows 0 to many)	As the date from which the placing on the market and the use of a substance is prohibited or restricted.	All dependent attributes must be populated. Dependent attributes include: • Chemical Regulation Agency (CHEM039) • Chemical Regulation Name (CHEM041)
safetyDataSheetInformation	chemicalIngredientInformation/safetyDataSheetInformation							
Is Regulated For Transportation	chemicalIngredientInformation/safetyDataSheetInformation/isRegulatedForTransportation	CHEM060	O	Text	1/60	1 (in group "safetyDataSheetInformation" which allows 0 to many)	An indicator whether the Trade Item is regulated for shipment by any agency.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
SDS Standard Code	chemicalIngredientInformation/safetyDataSheetInformation/sDSStandardCode	CHEM061	O	Text	1/35	0 or 1 (in group "safetyDataSheetInformation" which allows 0 to many)	A code describing the standard used to create the MSDS that is pointed to in the SDS URL.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
SDS Standard Version	chemicalIngredientInformation/safetyDataSheetInformation/sDSStandardVersion	CHEM062	O	Text	1/35	0 or 1 (in group "safetyDataSheetInformation" which allows 0 to many)	The version of the standard used to create the MSDS that is pointed to in the SDS URL.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Trade Item External Information	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation							
File Name	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileName	CHEM064	O	Text	1/70	0 or 1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The name of the file that contains the external information.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Content Description	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/contentDescription	CHEM065	O	Text	1/70	0 to many by language (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	Free form description of the content of the file.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)
File Format Description	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileFormatDescription	CHEM066	O	Text	1/70	0 to many by language (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	Free form description of the format of the file.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Format Name	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileFormatName	CHEM067	O	Text	1/10	0 to 1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The name of the file format. Examples: PDF, JPEG, BMP	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)
Uniform Resource Identifier	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/uniformResourceIdentifier	CHEM068	O	Text	1/512	0 to 1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	Simple text string that refers to a resource on the internet. URIs may refer to documents, resources, people, etc.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Effective End Date	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileEffectiveEndDate	CHEM069	O	DateTime		0 to 1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The date this image ceases to be the current image for the trade item.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)
File Effective Start Date	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileEffectiveStartDate	CHEM070	O	DateTime		0 to 1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The date this image is the current image for this trade item.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Origin Country	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileOriginCountry	CHEM071	O	Text	1/3	0 to many(in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The country where the digital asset originated.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)
File Version	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileVersion	CHEM072	O	Text	1/70	0 to 1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A description of the terms used by the manufacturer to denote the version of the digital asset.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Run Time	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileRunTime	CHEM073	O	Text	1/20	0 to 1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The resolution of the file. Knowing the resolution will allow the user to be able to determine the best system with which to utilize the file.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)
File Playbackrate	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/filePlayBackRate	CHEM074	O	Integer	1/15	0 to 1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The targeted frame rate for the display of the digital asset. Expressed as an integer representing the number of frames per second.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Can File Stream	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/canFileStream	CHEM075	O	Text	1/60	0 to 1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	An indicator that the digital asset is compressed to start displaying/running before fully uncompressing.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)
File Creation Program	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileCreationProgram	CHEM076	O	Text	1/70	0 to many (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The program used in the creation of the digital asset.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Optimal Media Player Name	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileOptimalMediaPlayerName	CHEM077	O	Text	1/200	0 to many (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The media player to which this asset was targeted.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)
File Resolution Description	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileResolutionDescription	CHEM078	O	Text	1/70	0 to many by lang (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The resolution of the file. Knowing the resolution will allow the user to be able to determine the best system with which to utilize the file.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Size	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileSize	CHEM079	O	Float	1/15,15	0 to many by unit of measure (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The Size of the referenced file	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)
File Compression Type	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileCompressionType	CHEM080	O	Text	1/70	0 to many by language (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A description of the compression method used to reduce the file size stored at the link. This information is used to aid the user in choosing the correct program to extract the file. Examples include Quick Time, Real Player, mpg, WinZip, etc.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Aspect Ratio	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileAspectRatio	CHEM081	O	Text	1/70	0 or 1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	blank description	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)
File Pixel Height	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/filePixelHeight	CHEM082	O	Integer	1/15	0 or 1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The number of pixels along the vertical axis of the image.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Pixel Width	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/filePixelWidth	CHEM083	O	Integer	1/15	0 or 1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The number of pixels along the horizontal axis of the image.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)
File Print Height	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/filePrintHeight	CHEM084	O	Float	1/15,15	0 to many (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The maximum measurement along the vertical axis of a printed representation of the file.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Print Width	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/filePrintWidth	CHEM085	O	Float	1/15,15	0 to many (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The maximum measurement along the horizontal axis of a printed representation of the file.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)
Is File Background Transparent	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/isFileBackgroundTransparent	CHEM086	O	Text	1/60	0 or 1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	An indicator of whether or not the background used in the file is transparent. Having a transparent background would allow a recipient to place the file into any setting necessary.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Contrast	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileContrast	CHEM087	O	Text	1/70	0 to many (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The contrast used in the digital asset. Contrast is the difference in brightness between light and dark areas of an image. Contrast determines the number of shades in the image.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)
File Color Scheme Code	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileColorSchemeCode	CHEM088	O	Text	1/35	0 or 1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The Color Scheme Code of the referenced File.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Background Color Description	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileBackgroundColorDescription	CHEM089	O	Text	1/70	0 to many by language (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	Description of the background color.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)
File Color Calibration	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileColorCalibration	CHEM090	O	Text	1/70	0 to many by language (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	Free form text to describe the calibration of the file.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Are Human Models In File	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/areHumanModelsInFile	CHEM091	O	Text	1/60	0 or 1 (in group "fileContentInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	An indicator whether or not the item is shown or depicted with human models.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Author Name	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileAuthorName	CHEM092	O	Text	1/70	0 to many (in group "fileContentInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The organization(s) or person(s) who is responsible for creating the digital asset.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Language	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileLanguage	CHEM093	O	Text	1/3	0 to many by language (in group "fileContentInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The specified language to which the digital asset is targeted.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Layer Quantity	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileLayerQuantity	CHEM094	O	Integer	1/15	0 or 1 (in group "fileContentInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The number of layers in the digital asset.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Camera Perspective	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileCameraPerspective	CHEM095	O	Text	1/70	0 to many by language (in group "fileContentInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A description of the angle of perspective used by the camera in the capture of the digital asset.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Lifestyle Description	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileLifestyleDescription	CHEM096	O	Text	1/70	0 to many by language (in group "fileContentInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The lifestyles to which this digital asset can be used. For example psychographic, demographic, age, etc.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Story Description	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileStoryDescription	CHEM097	O	Text	1/1000	0 to many by language (in group "fileContentInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A description of the storyboard or plot of the digital file.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Talent Description	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileTalentDescription	CHEM098	O	Text	1/1000	0 to many by language (in group "fileContentInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The specific identification of the talent used in the file. For example, may identify a celebrity as the spokesperson for the product as included in the asset.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Item Depiction Type Code	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/itemDepictionTypeCode	CHEM099	O	Text	1/35	0 to many (in group "fileContentInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The state of the item as it is being depicted in the digital assets for example gift wrapped or assembled.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Depicted Season	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileDepictedSeason	CHEM100	O	Text	1/70	0 to many by language (in group "fileContentInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A description of the season shown or depicted within the digital asset. (e.g. Winter, Spring).	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Depicted Scene Description	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileDepictedSceneDescription	CHEM101	O	Text	1/1000	0 to many by language (in group "fileContentInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The scene or location used as a setting or backdrop in the digital asset.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Item Position	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileItemPosition	CHEM102	O	Text	1/35	0 to many (in group "fileContentInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A description of how the item is placed in the digital asset for example the item is propped (leaning against an object) or held (being held by a model).	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Number Of Items In Digital Asset	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/numberofItemsInDigitalAsset	CHEM103	O	Integer	1/15	0 or 1 (in group "fileContentInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The number of items in the digital asset, where the asset contains more than one item.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Items In File Description	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/itemsInFileDescription	CHEM104	O	Text	1/70	0 to many by language (in group "fileContentInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A description of the additional items shown or depicted in the digital asset.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Are Fees Required For Use	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/areFeesRequiredForUse	CHEM105	O	Text	1/60	0 or 1 (in group "fileUsageInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	An indicator whether or not a fee is required for the use of this digital asset.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Fee Description	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileFeeDescription	CHEM106	O	Text	1/1000	0 to many by language (in group "fileUsageInformation"which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A description of the fees that are applicable to use of the digital asset. This attribute may be a list of actual fees, a description of the fee structure, or contact information to find out the fees.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Can Files Be Edited	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/canFilesBeEdited	CHEM107	O	Text	1/60	0 or 1 (in group "fileUsageInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	An indicator of whether the user or recipient of the digital asset can edit it prior to use or as a function of using the asset. Some digital assets are designed such that the recipient can edit the asset to meet the needs of a final output.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Is File For Internal Use Only	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/isFileForInternalUseOnly	CHEM108	O	Text	1/60	0 or 1 (in group "fileUsageInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	An indicator whether or not the file is intended for internal use only and not for general publication.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Usage Restriction	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileUsageRestriction	CHEM109	O	Text	1/1000	0 to many by language (in group "fileUsageInformation"which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A description of any restrictions on the ability of the recipient's to use of the asset.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Recommended Usage	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileRecommendedUsage	CHEM110	O	Text	1/1000	0 to many by language (in group "fileUsageInformation"which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A reference to a specific communication project to which the digital asset is associated, such as the Back To School Campaign. A campaign is a marketing term used to describe the event, sale, promotion, or other program for which this digital asset is designed to be part.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Rights Description	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileRightsDescription	CHEM111	O	Text	1/1000	0 to many by language (in group "fileUsageInformation" which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The structure for Digital Rights Management (DRM) which is in place on the file. This could be ID and location of external Intellectual Property Management & Protection (IPMP) system for lookup of usage rights. Presence of a value for this attribute signifies that the file uses a DRM.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Copyright Description	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileCopyrightDescription	CHEM112	O	Text	1/1000	0 to many by language (in group "fileUsageInformation"which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A description of any Copyright notice which pertains to the digital asset.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Disclaimer Information	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileDisclaimerInformation	CHEM113	O	Text	1/1000	0 to many by language (in group "fileUsageInformation"which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A description expressing any disclaimers which pertain to the digital asset. (e.g. Item may be smaller than appears).	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Campaign Description	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/fileCampaignDescription	CHEM114	O	Text	1/1000	0 to many by language (in group "fileUsageInformation"which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A reference to a specific communication project to which the digital asset is associated, such as the Back To School Campaign. A campaign is a marketing term used to describe the event, sale, promotion, or other program for which this digital asset is designed to be part.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Intended Publication Country	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/intendedPublicationCountry	CHEM115	O	Text	1/3	0 to many (in group "fileUsageInformation"which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The country in which the digital asset is designed to be used.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Intended Publication Media Type Description	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/intendedPublicationMediaTypeDescription	CHEM116	O	Text	1/1000	0 to many by language (in group "fileUsageInformation"which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The media types with which the digital asset was designed to be utilized, such as Web, Catalogue, Circular among others.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Is Talent Release On File	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/isTalentReleaseOnFile	CHEM117	O	Text	1/60	0 or 1 (in group "fileUsageInformation"which allows 0 or 1, which is in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	An indicator whether or not the owner of the asset has a talent release on file. This applies to files where talent or a model is used.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)
Type Of Information	chemicalIngredientInformation/safetyDataSheetInformation/tradeItemExternalInformation/typeOfInformation	CHEM118	O	Text	1/70	1 (in group "tradeItemExternalInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	Code identifying the type of information contained in the file. Example: Image of product label.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Type of Information (CHEM118)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Additional SDS Information	chemicalIngredientInformation/safetyDataSheetInformation/additionalSDSInformation	CHEM119	O	Text	1/1000	0 or more by language (in group "safetyDataSheetInformation" which allows 0 to many)	A description field for other information regarding the MSDS that is not int he other sections. For example, additional contact information, or sustainability statement, other information.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Volatile Organic Compound	chemicalIngredientInformation/safetyDataSheetInformation/volatileOrganicCompound	CHEM120	O	Float	1/15,15	0 or more by unit of measure (in group "safetyDataSheetInformation" which allows 0 to many)	Volatile Organic Compound is the amount of an item that is a volatile organic compound expressed as a measurement. Volatile is where the compound can be evaporate or vaporize into the atmosphere.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Volatile Organic Compound Basis	chemicalIngredientInformation/safetyDataSheetInformation/volatileOrganicCompoundBasis	CHEM121	O	Float	1/15,15	0 or more by unit of measure (in group "safetyDataSheetInformation" which allows 0 to many)	The basis measurement for a Volatile Organic Compound when expressed as an amount for example 1 L in the case of 5ML per 1 LT.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Volatile Organic Compound Percentage	chemicalIngredientInformation/safetyDataSheetInformation/volatileOrganicCompoundPercentage	CHEM122	O	Float	2/5, 3	0 or 1 (in group "safetyDataSheetInformation" which allows 0 to many)	The percentage of an item that is a volatile organic compound. Volatile is where the compound can evaporate or vaporize into the atmosphere.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Chemical Information	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation							
Chemical Ingredient Organization	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredientOrganization	CHEM124	O	Text	1/200	0 or 1 (in group chemicalInformation which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	An organization managing a chemical ingredient identification scheme.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Chemical Ingredient Scheme	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredientScheme	CHEM125	O	Text	1/200	0 or 1 (in group chemicalInformation which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A managed list of chemical ingredient identifications for example CAS.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Chemical Ingredient	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredient							

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Chemical Ingredient Identification	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredient/chemicalIngredientIdentification	CHEM127	O	Text	1/35	0 or 1 (in group chemicalIngredient which allows 0 to many,which is in group chemicalInformation which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A unique number to identify a chemical used to cross reference regulated lists of chemicals for example CAS number.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Chemical Ingredient Name	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredient/chemicalIngredientName	CHEM128	O	Text	1/200	0 or 1 (in group chemicalIngredient which allows 0 to many,which is in group chemicalInformation which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The common name of the chemical ingredient.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
REACH Chemical registration Number	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredient/rEACHChemicalRegistrationNumber	CHEM129	O	Text	1/35	0 or 1 (in group chemicalIngredient which allows 0 to many,which is in group chemicalInformation which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A unique registration number for a chemical for a company. This is issued by the European Chemical Agency (ECHA) and is unique per chemical.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Chemical Ingredient Concentration	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredient/chemicalIngredientConcentration	CHEM130	O	Float	1/15,15	0 or 1 by unit of measure (in group chemicalIngredient which allows 0 to many,which is in group chemicalInformation which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The percentage of a chemical ingredient in relation to the total composition of the product.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Chemical Ingredient Concentration Basis	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredient/chemicalIngredientConcentrationBasis	CHEM131	O	Float	1/15,15	0 or 1 by unit of measure (in group chemicalIngredient which allows 0 to many,which is in group chemicalInformation which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The basis amount used to express the chemical ingredient concentration.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Lethal Dose Concentration Information	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredient/lethalDoseConcentrationInformation							

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Lethal Concentration50	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredient/lethalDoseConcentrationInformation/lethalConcentration50	CHEM133	O	Float	1/15,15	0 or 1 by unit of measure (in group lethalDoseConcentrationInformation which allows 0 or more, which is in group chemicalIngredient which allows 0 to many,which is in group chemicalInformation which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	Median Lethal Concentration is a statistically derived concentration of a substance that can be expected to cause death in 50% of test animals. It is usually expressed as the weight of substance per weight or volume of water, air or feed.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Lethal Concentration50 Basis	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredient/lethalDoseConcentrationInformation/lethalConcentration50Basis	CHEM134	O	Float	1/15,15	0 or 1 by unit of measure (in group lethalDoseConcentrationInformation which allows 0 or more, which is in group chemicalIngredient which allows 0 to many,which is in group chemicalInformation which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The basis measurement for the measurement of Median Lethal Concentration for example 1 LT in the ratio 10 MG/1 LT .	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Lethal Dose50	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredient/lethalDoseConcentrationInformation/lethalDose50	CHEM135	O	Float	1/15,15	0 or 1 by unit of measure (in group lethalDoseConcentrationInformation which allows 0 or more, which is in group chemicalIngredient which allows 0 to many,which is in group chemicalInformation which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	Lethal Dose 50 is a statistically derived single dose that can be expected to cause death in 50% of the test animals when administered by the route indicated (oral, dermal, inhalation). It is expressed as a weight of substance per unit weight of animal.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Lethal Dose50 Basis	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredient/lethalDoseConcentrationInformation/lethalDose50Basis	CHEM136	O	Float	1/15,15	0 or 1 by unit of measure (in group lethalDoseConcentrationInformation which allows 0 or more, which is in group chemicalIngredient which allows 0 to many,which is in group chemicalInformation which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The basis measurement for the measurement of a Lethal Dose for example 1 LT in the ratio 10 MG/1 LT.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Route Of Exposure Code	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredient/lethalDoseConcentrationInformation/routeOfExposureCode	CHEM137	O	Text	1/35	0 or 1 (in group lethalDoseConcentrationInformation which allows 0 or more, which is in group chemicalIngredient which allows 0 to many,which is in group chemicalInformation which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The means by which living organisms can come into contact with a hazardous substance for example dermal, Inhalation, ingestion.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Test Species Code	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredient/lethalDoseConcentrationInformation/testSpeciesCode	CHEM138	O	Text	1/35	0 or 1 (in group lethalDoseConcentrationInformation which allows 0 or more, which is in group chemicalIngredient which allows 0 to many,which is in group chemicalInformation which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A description of any species of animal that was used for determining LC and LD other than the norm.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Test Species Description	chemicalIngredientInformation/safetyDataSheetInformation/chemicalInformation/chemicalIngredient/lethalDoseConcentrationInformation/testSpeciesDescription	CHEM139	O	Text	1/200	0 or more by language (in group lethalDoseConcentrationInformation which allows 0 or more, which is in group chemicalIngredient which allows 0 to many,which is in group chemicalInformation which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The species of animal that was used for determining LC and LD 50 expressed as a code for example RAT.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Physical Chemical Property Information	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation							

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Physical State	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/physicalState	CHEM141	O	Text	1/35	0 or 1 (in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	Any physical state a chemical ingredient may be in for example LIQUID.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Physical Form Description	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/physicalFormDescription	CHEM142	O	Text	1/1000	0 or more by language (in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	A description of the form of the product for example gas, liquid, powder. Colorless, Fragrant, liquid in relation to any relation to any hazardous materials.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Water Solubility	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/waterSolubility	CHEM143	O	Text	1/35	0 or 1 (in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	Water solubility is defined as a code indicating solubility in respect to water. Solubility is the ability of a given substance to dissolve in solvent.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Freezing Melting Point	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/freezingMeltingPoint	CHEM144	O	Float	1/15,15	0 or more by unit of measure (in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The temperature at which its crystals are in equilibrium with the liquid phase at atmospheric pressure.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Boiling Point	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/boilingPoint	CHEM145	O	Float	1/15,15	0 or more by unit of measure (in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The temperature of a liquid at which its vapour pressure is equal to or very slightly greater than the atmospheric pressure of the environment. For water at sea level it is 100C or 212F.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Lower Explosive Limit	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/lowerExplosiveLimit	CHEM146	O	Float	1/15,15	0 or 1 (in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The low end value expressed as a percent by volume that the mixture is still flammable.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Upper Explosive Limit	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/upperExplosiveLimit	CHEM147	O	Float	1/15,15	0 or 1 (in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The high end value expressed as a percent by volume that the product will still explode.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Autoignition Temperature	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/autoignitionTemperature	CHEM148	O	Float	1/15,15	0 or more by unit of measure (in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The lowest temperature at which it will spontaneously ignite in a normal atmosphere without an external source of ignition.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Exact PH	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/exactPH	CHEM149	O	Float	1/15,15	0 or 1 (in group "pHInformation" which allows 0 or 1, which is in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The exact PH amount for a chemical ingredient (not a range).	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Minimum PH	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/minimumPH	CHEM150	O	Float	1/15,15	0 or 1 (in group "pHInformation" which allows 0 or 1, which is in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The minimum range value for PH.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Maximum PH	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/maximumPH	CHEM151	O	Float	1/15,15	0 or 1 (in group "pHInformation" which allows 0 or 1, which is in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The maximum range for PH.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Flashpoint	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/flashPoint							

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Flashpoint Test Method Code	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/flashPoint/flashPointTestMethodCode	CHEM153	O	Text	1/35	0 or 1 (in group "flashpoint" which allows 0 to many, which is in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The test method used to determine the flash point temperature for example closed cup.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Flashpoint Temperature	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/flashPoint/flashPointTemperature	CHEM154	O	Float	1/15,15	0 to many by unit of measure (in group "flashpoint" which allows 0 to many, which is in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The minimum temperature at which a liquid gives off a vapor within a vessel in sufficient concentration to form an ignitable mixture with air near the surface of a liquid.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Specific Gravity Information	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/specificGravity							

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Specific Gravity	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/specificGravity/specificGravity	CHEM156	O	Float	1/15,15	1 (in group "specificGravityInformation" which allows 0 or more, which is in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	Specific Gravity is defined as the ratio of the density of a substance to the density of a reference substance expressed as a float. It is an abstract number that is unrelated to any units.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Specific Gravity (CHEM 156) • Specific Gravity Reference Material Code (CHEM 157)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Specific Gravity Reference Material Code	chemicalIngredientInformation/safetyDataSheetInformation/physicalChemicalPropertyInformation/specificGravity/specificGravityReferenceMaterialCode	CHEM157	O	Text	1/35	1 (in group "specificGravityInformation" which allows 0 or more, which is in group "physicalChemicalPropertyInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The reference material used within the ratio for specific gravity for example water or air.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Specific Gravity (CHEM 156) • Specific Gravity Reference Material Code (CHEM 157)
Ecological Information Description	chemicalIngredientInformation/safetyDataSheetInformation/ecologicalInformationDescription	CHEM158	O	Text	1/1000	0 or more by language (in group "safetyDataSheetInformation" which allows 0 to many)	Any information required on the SDS/MSDS in relationship to any effect of the chemical on the environment.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Toxicological Information Description	chemicalIngredientInformation/safetyDataSheetInformation/toxicologicalInformationDescription	CHEM159	O	Text	1/1000	0 or more by language (in group "safetyDataSheetInformation" which allows 0 to many)	A general description of any information on any toxic properties as included on the MSDS for example precautionary text on a label. This text should describe the key issue with the product in regards to toxicity.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Hazardous Waste Information	chemicalIngredientInformation/safetyDataSheetInformation/hazardousWasteInformation							
Hazardous Waste Agency	chemicalIngredientInformation/safetyDataSheetInformation/hazardousWasteInformation/hazardousWasteAgency	CHEM161	O	Text	1/200	1 (in group hazardousWasteInformation which allows 0 to many, which is in in group "safetyDataSheetInformation" which allows 0 to many)	The Agency for the Classification of Hazardous Waste. The specific hazardous waste code for the federal or state regulation that applies to the product for example US EPA.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Hazardous Waste Agency (CHEM161)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Hazardous Waste Code	chemicalIngredientInformation/safetyDataSheetInformation/hazardousWasteInformation/hazardousWasteCode	CHEM162	O	Text	1/35	0 to many (in group hazardousWasteInformation which allows 0 to many, which is in in group "safetyDataSheetInformation" which allows 0 to many)	A classification of hazardous waste managed at the federal or state level for example EPA Hazardous Waste Code of D001 (Ignitable waste).	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Hazardous Waste Agency (CHEM161)
Is Acutely Hazardous Waste	chemicalIngredientInformation/safetyDataSheetInformation/hazardousWasteInformation/isAcutelyHazardousWaste	CHEM163	O	Text	1/60	0 or 1 (in group hazardousWasteInformation which allows 0 to many, which is in in group "safetyDataSheetInformation" which allows 0 to many)	An indicator whether or not the Trade Item contains wastes that would cause death, disabling personal injury, or serious illness. These wastes are more hazardous than ordinary hazardous wastes.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Hazardous Waste Agency (CHEM161)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Is Universal Waste	chemicalIngredientInformation/safetyDataSheetInformation/hazardousWasteInformation/isUniversalWaste	CHEM164	O	Text	1/60	0 or 1 (in group hazardousWasteInformation which allows 0 to many, which is in in group "safetyDataSheetInformation" which allows 0 to many)	Indicates if a product can be considered universal waste. Universal waste is defined as wastes that do not meet the regulatory definition of hazardous waste but are managed under special, tailored regulations.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Hazardous Waste Agency (CHEM161)
Hazardous Waste Description	chemicalIngredientInformation/safetyDataSheetInformation/hazardousWasteInformation/hazardousWasteDescription	CHEM165	O	Text	1/1000	0 or many by language (in group hazardousWasteInformation which allows 0 to many, which is in in group "safetyDataSheetInformation" which allows 0 to many)	A description of the classification of hazardous waste managed at the federal or state level for example EPA Hazardous Waste Code of D001 (Ignitable waste).	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Hazardous Waste Agency (CHEM161)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Non Hazardous Waste Description	chemicalIngredientInformation/safetyDataSheetInformation/hazardousWasteInformation/nonhazardousWasteDescription	CHEM166	O	Text	1/1000	0 or many by language (in group hazardousWasteInformation which allows 0 to many, which is in in group "safetyDataSheetInformation" which allows 0 to many)	A classification of non-hazardous waste managed at the federal or state level for example a code for disposal of latex paint.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Hazardous Waste Agency (CHEM161)
Hazardous Material Handling Procedure	chemicalIngredientInformation/safetyDataSheetInformation/hazardousMaterialHandlingProcedure	CHEM167	O	Text	1/1000	0 or many by language (in group "safetyDataSheetInformation" which allows 0 to many)	Hazardous Material Handling Procedure	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
GHS Detail	chemicalIngredientInformation/safetyDataSheetInformation/gHSDetail							

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
GHS Signalwords Code	chemicalIngredientInformation/safetyDataSheetInformation/gHSDetail/gHSSignalWordsCode	CHEM169	O	Text	1/35	0 or 1 (in group "gHSDetail" which allows 0 or 1, which is in in group "safetyDataSheetInformation" which allows 0 to many)	Words such as DANGER or WARNING used to emphasize hazards and indicate the relative level of severity of the hazard. For GHS hazard class ans category. Some lower level hazard categories do not use signal words.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
GHS Symbol Description Code	chemicalIngredientInformation/safetyDataSheetInformation/gHSDetail/gHSSymbolDescriptionCode	CHEM170	O	Text	1/35	0 to many (in group "gHSDetail" which allows 0 or 1, which is in in group "safetyDataSheetInformation" which allows 0 to many)	A code depicting the symbols which convey health, physical and environmental hazard information, assigned to a hazard class and category for example GHS. Pictograms include the harmonized hazard symbols plus other graphic elements, such as borders, background patterns or colours that are intended to convey specific information. Examples of all the pictograms and downloadable files for GHS can be accessed on the UN website for the GHS.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Precautionary Statement	chemicalIngredientInformation/safetyDataSheetInformation/gHSDetail/precautionaryStatement							

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Precautionary Statement Code	chemicalIngredientInformation/safetyDataSheetInformation/gHSDetail/precautionaryStatement/precautionaryStatementCode	CHEM172	O	Text	1/35	0 to many (in group precautionaryStatement which allows 0 to many, which is in group "gHSDetail" which allows 0 or 1, which is in in group "safetyDataSheetInformation" which allows 0 to many)	Measures listed on a hazardous label to minimize or prevent adverse effects. For GHS, the precautionary statements have been linked to each GHS hazard statement and type of hazard. Precautionary statements for GHS cover prevention, response in cases of accidental spillage or exposure, storage, and disposal.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Precautionary Statement Description	chemicalIngredientInformation/safetyDataSheetInformation/gHSDetail/precautionaryStatement/precautionaryStatementDescription	CHEM173	O	Text	1/1000	0 to many by language (in group precautionaryStatement which allows 0 to many, which is in group "gHSDetail" which allows 0 or 1, which is in in group "safetyDataSheetInformation" which allows 0 to many)	A description of the measures listed on a hazardous label to minimize or prevent adverse effects.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Hazard Statement	chemicalIngredientInformation/safetyDataSheetInformation/gHSDetail/hazardStatement							

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Hazard Statement Code	chemicalIngredientInformation/safetyDataSheetInformation/gHSDetail/hazardStatement/hazardStatementCode	CHEM175	O	Text	1/35	0 or 1 (in group "hazardStatement" which allows 0 to many, which is in group "gHSDetail" which allows 0 or 1, which is in in group "safetyDataSheetInformation" which allows 0 to many)	Standard phrases assigned to a hazard class and category that describe the nature of the hazard for example H200.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Hazard Statement Description	chemicalIngredientInformation/safetyDataSheetInformation/gHSDetail/hazardStatement/hazardStatementDescription	CHEM176	O	Text	1/1000	0 to many by language (in group "hazardStatement" which allows 0 to many, which is in group "gHSDetail" which allows 0 or 1, which is in in group "safetyDataSheetInformation" which allows 0 to many)	A description of standard phrases assigned to a hazard class and category that describe the nature of the hazard.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
REACH Information	chemicalIngredientInformation/safetyDataSheetInformation/rEACHInformation							

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Is Substance Of Very High Concern	chemicalIngredientInformation/safetyDataSheetInformation/rEACHInformation/isSubstanceOfVeryHighConcern	CHEM178	O	Text	1/60	0 or 1 (in group "rEACHInformation" which allows 0 to 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	An indicator that a trade item contains substances of very high concern according to REACH as defined in as defined in Article 57 of Regulation No 1907/2006.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Is Trade Item REACH Relevant	chemicalIngredientInformation/safetyDataSheetInformation/rEACHInformation/isTradeItemREACHRelevant	CHEM179	O	Text	1/60	0 or 1 (in group "rEACHInformation" which allows 0 to 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	An indicator that the trade item may have ingredients that subject it to REACH.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
REACH Use Descriptor Information	chemicalIngredientInformation/safetyDataSheetInformation/rEACHInformation/rEACHUseDescriptorInformation							

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
REACH Chemical Product Use Desciptor Code	chemicalIngredientInformation/safetyDataSheetInformation/rEACHInformation/rEACHUseDescriptorInformation/rEACHChemicalProductUseDescriptorCode	CHEM181	O	Text	1/35	0 or 1 (in group "rEACHUseDescriptorInformation" which allows 0 to many, which is in group "rEACHInformation" which allows 0 to 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The types of preparations the substance is contained in end-use.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
REACH Environmental Release Use Desciptor Code	chemicalIngredientInformation/safetyDataSheetInformation/rEACHInformation/rEACHUseDescriptorInformation/rEACHEnvironmentalReleaseUseDescriptorCode	CHEM182	O	Text	1/35	0 or 1 (in group "rEACHUseDescriptorInformation" which allows 0 to many, which is in group "rEACHInformation" which allows 0 to 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The broad conditions of use from the environmental perspective. An example of a REACH Environment Release Category is ERC 3 Formulation in materials.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
REACH Process Use Desciptor Code	chemicalIngredientInformation/safetyDataSheetInformation/rEACHInformation/rEACHUseDescriptorInformation/rEACHProcessUseDescriptorCode	CHEM183	O	Text	1/35	0 or 1 (in group "rEACHUseDescriptorInformation" which allows 0 to many, which is in group "rEACHInformation" which allows 0 to 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The technical process or application in which the substance is used from an occupational perspective. An example of a REACH Process Use Descriptor is PROC 7 Industrial Spraying.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
REACH Sector Use Desciptor Code	chemicalIngredientInformation/safetyDataSheetInformation/rEACHInformation/rEACHUseDescriptorInformation/rEACHSectorUseDescriptorCode	CHEM184	O	Text	1/35	0 or 1 (in group "rEACHUseDescriptorInformation" which allows 0 to many, which is in group "rEACHInformation" which allows 0 to 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	The sector of the economy the substance is used. Use includes manufacture in the chemical industry, mixing of substances at formulator's level as well as industrial, professional and consumer end-uses. An example of a REACH sector use Descriptor is SU4 Manufacture of food products.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Accidental Release Measures Description	chemicalIngredientInformation/safetyDataSheetInformation/accidentalReleaseMeasuresDescription	CHEM185	O	Text	1/1000	0 or more by unit of measure (in group "safetyDataSheetInformation" which allows 0 to many)	Accidental Release Measures Description	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Conditions to Avoid Description	chemicalIngredientInformation/safetyDataSheetInformation/conditionsToAvoidDescription	CHEM186	O	Text	1/1000	0 or more by unit of measure (in group "safetyDataSheetInformation" which allows 0 to many)	Conditions, environments, or other chemicals that when mixed with a product can cause an adverse reaction. For example exposing acids to bases.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Storage Compability Agency	chemicalIngredientInformation/safetyDataSheetInformation/storageCompatibilityAgency	CHEM187	O	Text	1/200	0 or 1 (in group "storageCompatibilityInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	Storage Compability Agency	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Storage Compability Code	chemicalIngredientInformation/safetyDataSheetInformation/storageCompatibilityCode	CHEM188	O	Text	1/35	0 or more (in group "storageCompatibilityInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	Storage Compability Code	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Storage Compability Description	chemicalIngredientInformation/safetyDataSheetInformation/storageCompatibilityDescription	CHEM189	O	Text	1/1000	0 or more by language (in group "storageCompatibilityInformation" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	Storage Compability Description	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Storage Requirements Description	chemicalIngredientInformation/safetyDataSheetInformation/storageRequirementsDescription	CHEM190	O	Text	1/1000	0 or more by language (in group "safetyDataSheetInformation" which allows 0 to many)	A description how to safely store the Trade Item for example cool,dry, not near flame, adequate ventilation.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Protective Equipment	chemicalIngredientInformation/safetyDataSheetInformation/protectiveEquipment							
Protective Equipment Body Area Code	chemicalIngredientInformation/safetyDataSheetInformation/protectiveEquipment/protectiveEquipmentBodyAreaCode	CHEM192	O	Text	1/35	0 to many (in group protectiveEquipment which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A code determining the part of the body the protective equipment is meant to protect for example EYE	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Protective Equipment Description (CHEM194)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Protective Equipment Recommended Status Code	chemicalIngredientInformation/safetyDataSheetInformation/protectiveEquipment/protectiveEquipmentRecommendedStatusCode	CHEM193	O	Text	1/35	0 or 1 (in group protectiveEquipment which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A code determining whether the protective equipment is recommended or required.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Protective Equipment Description (CHEM194)
Protective Equipment Description	chemicalIngredientInformation/safetyDataSheetInformation/protectiveEquipment/protectiveEquipmentDescription	CHEM194	O	Text	1/1000	0 to many by language(in group protectiveEquipment which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	Recommended protective equipment information expressed in an SDS/MSDS.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Protective Equipment Description (CHEM194)

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Protective Equipment Additional Description	chemicalIngredientInformation/safetyDataSheetInformation/protectiveEquipment/protectiveEquipmentAdditionalDescription	CHEM195	O	Text	1/1000	0 to many by language (in group protectiveEquipment which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	Additional informational regarding when protective equipment is recommended or required.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Protective Equipment Description (CHEM194)
Note To Physician	chemicalIngredientInformation/safetyDataSheetInformation/noteToPhysician	CHEM196	O	Text	1/1000	0 to many by language (in group "safetyDataSheetInformation" which allows 0 to many)	A description of any measures a physician should take to treat a patient.	
First-Aid Procedures Description	chemicalIngredientInformation/safetyDataSheetInformation/firstAidProceduresDescription	CHEM197	O	Text	1/1000	0 to many by language (in group "safetyDataSheetInformation" which allows 0 to many)	A description of any first aid procedures necessary in case of exposure. This is used in compliance with ADR (European Agreement concerning the International Carriage of Dangerous Goods by Road).	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Flammable Properties Description	chemicalIngredientInformation/safetyDataSheetInformation/flammablePropertiesDescription	CHEM198	O	Text	1/1000	0 to many (in group "fireFightingInstructions" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	Flammable Properties Description	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Extinguishing Media Description	chemicalIngredientInformation/safetyDataSheetInformation/extinguishingMediaDescription	CHEM199	O	Text	1/1000	0 to many (in group "fireFightingInstructions" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	Extinguishing Media Description	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Firefighter Protective Equipment Description	chemicalIngredientInformation/safetyDataSheetInformation/fireFighterProtectiveEquipmentDescription	CHEM200	O	Text	1/1000	0 to many (in group "fireFightingInstructions" which allows 0 or 1, which is in group "safetyDataSheetInformation" which allows 0 to many)	Firefighter Protective Equipment Description	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060)
Referenced File Information	chemicalIngredientInformation/safetyDataSheetInformation/referencedFileInformation							
Referenced File Type Code	chemicalIngredientInformation/safetyDataSheetInformation/referencedFileInformation/referencedFileTypeCode	CHEM202	O	Text	1/35	0 to many (in group "referencedFileInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	Referenced File Type Code	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Referenced File Type Code (CHEM 202)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Content Description	chemicalIngredientInformation/safetyDataSheetInformation/referencedFileInformation/contentDescription	CHEM203	O	Text	1/70	0 or 1 (in group "referencedFileInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	Free form description of the content of the file.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Referenced File Type Code (CHEM 202)
File Creation Program	chemicalIngredientInformation/safetyDataSheetInformation/referencedFileInformation/fileCreationProgram	CHEM204	O	Text	1/70	0 to many (in group "referencedFileInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The program used in the creation of the digital asset.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Referenced File Type Code (CHEM 202)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Effective End Date	chemicalIngredientInformation/safetyDataSheetInformation/referencedFileInformation/fileEffectiveEndDateTime	CHEM205	O	DateTime		0 or 1 (in group "referencedFileInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The date this image ceases to be the current image for the trade item.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Referenced File Type Code (CHEM 202)
File Effective Start Date	chemicalIngredientInformation/safetyDataSheetInformation/referencedFileInformation/fileEffectiveStartDateTime	CHEM206	O	DateTime		0 or 1 (in group "referencedFileInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The date this image is the current image for this trade item.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Referenced File Type Code (CHEM 202)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Format Description	chemicalIngredientInformation/safetyDataSheetInformation/referencedFileInformation/fileFormatDescription	CHEM207	O	Text	1/70	0 or 1 (in group "referencedFileInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	Free form description of the format of the file.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Referenced File Type Code (CHEM 202)
File Format Name	chemicalIngredientInformation/safetyDataSheetInformation/referencedFileInformation/fileFormatName	CHEM208	O	Text	1/10	0 or 1 (in group "referencedFileInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The name of the file format. Examples PDF, JPEG, BMP	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Referenced File Type Code (CHEM 202)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Name	chemicalIngredientInformation/safetyDataSheetInformation/referencedFileInformation/fileName	CHEM209	O	Text	1/70	0 or 1 (in group "referencedFileInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The name of the file that contains the external information.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Referenced File Type Code (CHEM 202)
File Optimal Viewer Name	chemicalIngredientInformation/safetyDataSheetInformation/referencedFileInformation/fileOptimalViewerName	CHEM210	O	Text	1/200	0 to many (in group "referencedFileInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	File Optimal viewer Name	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Referenced File Type Code (CHEM 202)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
File Origin Country	chemicalIngredientInformation/safetyDataSheetInformation/referencedFileInformation/fileOriginCountry	CHEM211	O	Text	1/3	0 to many (in group "referencedFileInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	The country where the digital asset originated.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Referenced File Type Code (CHEM 202)
File Version	chemicalIngredientInformation/safetyDataSheetInformation/referencedFileInformation/fileVersion	CHEM212	O	Text	1/70	0 or 1 (in group "referencedFileInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	A description of the terms used by the manufacturer to denote the version of the digital asset.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Referenced File Type Code (CHEM 202)

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Uniform Resource Identifier	chemicalIngredientInformation/safetyDataSheetInformation/referencedFileInformation/uniformResourceIdentifier	CHEM213	O	Text	1/512	0 or 1 (in group "referencedFileInformation" which allows 0 to many, which is in group "safetyDataSheetInformation" which allows 0 to many)	Simple text string that refers to a resource on the internet. URIs may refer to documents, resources, people, etc.	All dependent attributes must be populated. Dependent attributes include: • Is Regulated For Transportation (CHEM060) • Referenced File Type Code (CHEM 202)
Transportation Classification	chemicalIngredientInformation/transportationClassification							
Transportation Mode Regulatory Agency	chemicalIngredientInformation/transportationClassification/transportationModeRegulatoryAgency	CHEM215	O	Text	200	1 (in group "trasnportation classification" which allows 0 to many)	The agency requiring information based on a specific mode of transportation for example ADR, IATA, DOT, IMDG.	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency
Marine Pollutant Technical Name	chemicalIngredientInformation/transportationClassification/marinePollutantTechnicalName	CHEM216	O	Text	200	0 to many (in group "trasnportation classification" which allows 0 to many)	The technical chemical name of any marine pollutant contained in the item or component.	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Reportable Quantity Technical Name	chemicalIngredientInformation/transportationClassification/reportableQuantityTechnicalName	CHEM217	O	Text	200	0 to many (in group "trasnportation classification" which allows 0 to many)	A recognized chemical name or microbiological name currently used in scientific and technical handbooks, journals, and texts for a chemical that exists in the Trade Item in quantity viewed as reportable according to a regulation for example US EPA.	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency
Regulated Transportation Mode	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode							
Transportation Mode Code	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/transportationModeCode	CHEM219	O	Text	35	0 or 1 (in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	The type of vehicle used for the transportation of a hazardous material.	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Is Prohibited For Transportation	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/isProhibitedForTransportation	CHEM220	O	Text	60	1 (in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Indicates whether an item is prohibited for transportation via a specified mode.	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation
Prohibited For Transportation Reason	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/prohibitedForTransportationReason	CHEM221	O	Text	1000	0 to many (in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	The reason that something is prohibited for transportation using a specific mode as a description.	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation
Chemical Hazardous Information	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation							

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Dangerous Goods Regulation Code	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/chemicalDangerousGoodsRegulationCode	CHEM223	O	Text	4	0 or 1 (in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	An indication of the classification system(s) of dangerous goods and/or the Agency(ies) responsible for it.	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Flashpoint Temperature	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/chemicalFlashPointTemperature	CHEM224	O	Float	15	0 to many by unit of measure (in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	The lowest temperature at which a substance gives off a sufficient vapor to support combustion. This uses a measurement consisting of a unit of measure and value.	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation
Hazardous Information Detail	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail		O					

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Class Of Dangerous Goods	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/chemicalClassOfDangerousGoods	CHEM226	O	Text	4	0 to many (in group "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Class Of Dangerous Goods	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Dangerous Goods A Margin Number	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/chemicalDangerousGoodsAMarginNumber	CHEM227	O	Text	30	0 to many (in group "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Dangerous Goods A Margin Number	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Dangerous Goods Hazardous Code	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/chemicalDangerousGoodsHazardousCode	CHEM228	O	Text	10	0 to many (in group "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Dangerous Goods Hazardous Code	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Dangerous Goods Packing Group	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/chemicalDangerousGoodsPackingGroup	CHEM229	O	Text	3	0 to many (in group "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Dangerous Goods Packing Group	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Dangerous Goods Shipping Name	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/chemicalDangerousGoodsShippingName	CHEM230	O	Text	200	0 to many (in group "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Dangerous Goods Shipping Name	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
United Nations Dangerous Goods Number	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/chemicalUnitedNationsDangerousGoodsNumber	CHEM231	O	Integer	4	0 to many (in group "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	United Nations Dangerous Goods Number	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Dangerous Goods Technical Name	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/chemicalDangerousGoodsTechnicalName	CHEM232	O	Text	200	0 to many by language (in group "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Dangerous Goods Technical Name	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Dangerous Goods Classification Code	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/chemicalDangerousGoodsClassificationCode	CHEM233	O	Text	70	0 or 1 (in group "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Dangerous Goods Classification Code	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Dangerous Goods Special Provisions	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/chemicalDangerousGoodsSpecialProvisions	CHEM234	O	Text	70	0 to many (in group "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Dangerous Goods Special Provisions	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Net Mass Of Explosives	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/chemicalNetMassOfExplosives	CHEM235	O	Float	15	0 or 1 (in group "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Net Mass Of Explosives	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Dangerous Goods Hazard Label	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/dangerousGoodsHazardLabel							

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Dangerous Goods Hazard Label Number	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/dangerousGoodsHazardLabel/chemicalDangerousGoodsHazardLabelNumber	CHEM237	O	Text	35	1 (in group "dangerousGoodsHazardLabel" which allows 0 to many, which is in "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Dangerous Goods Hazard Label.Dangerous Goods Hazard Label Number.Text	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation • Dangerous Goods Hazard Label Number • Dangerous Goods Hazard Label Sequence Number

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Dangerous Goods Hazard Label Sequence Number	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/dangerousGoodsHazardLabel/chemicalDangerousGoodsHazardLabelSequenceNumber	CHEM238	O	Integer	15	1 (in group "dangerousGoodsHazardLabel" which allows 0 to many, which is in "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	A sequence number indicating the primacy of one dangerous goods label number over another. For example, a value of 1 would indicate that the associated hazard label number is the primary, 2 = secondary, etc	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation • Dangerous Goods Hazard Label Number • Dangerous Goods Hazard Label Sequence Number

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
ERG Number	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/chemicalERGNumber	CHEM239	O	Text	35	0 or 1 (in "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	ERG Number	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Extremely Hazardous Substance Quantity	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/chemicalExtremelyHazardousSubstanceQuantity	CHEM240	O	Float	15	0 or 1 (in "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Extremely Hazardous Substance Quantity	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Hazardous Class Subsidiary Risk Code	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/hazardousInformationDetail/chemicalHazardousClassSubsidiaryRiskCode	CHEM241	O	Text	35	0 or 1 (in "hazardousInformationDetail" which allows 0 to many, which is in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Hazardous Class Subsidiary Risk Code	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
ADR Dangerous Goods Limited Quantities Code	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/chemicalADRDangerousGoodsLimitedQuantitiesCode	CHEM243	O	Text	35	0 or 1 (in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	ADR Dangerous Goods Limited Quantities Code	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Hazardous Material Additional Information	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/chemicalHazardousMaterialAdditionalInformation	CHEM244	O	Text	1000	0 or 1 (in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Hazardous Material Additional Information	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
ADR Tunnel Restriction Code	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/chemicalADRTunnelRestrictionCode	CHEM245	O	Text	70	0 to many (in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	The ADR Tunnel Restriction Code is a code defined in ADR Chapter 8.6, which categorizes road tunnels into categories A to E. Adequate traffic signs regulate the ttransit of vehicles with dangerous goods. The tunnel restriction code (e.g. E) has to be stated within the transport papers.Trading Partners should look to the specific ADR documentation for current applicable code list values.	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Dangerous Goods Regulation Agency	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/hazardousInformation/chemicalDangerousGoodsRegulationAgency	CHEM246	O	Text	70	0 or 1 (in group "hazardousInformation" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Dangerous Goods Regulation Agency	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Transportation Maximum Quantity	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/transportationMaximumQuantity	CHEM247	O	Float	15	0 or 1 (in group "regulatedTransportation Mode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	The maximum inner volume of receptacles or packages (inner pack of vendor pack) that can be safely transported for a specific transportation type (e.g. Air Cargo) according to a governing agency.	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation
Shipping Regulation Exception	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/shippingRegulationException	CHEM248	O	Text	1000	0 or 1 (in group "regulatedTransportation Mode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	A description of any reasons for excluding a Trade Item or component form a hazardous regulation for a mode of transportation.	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

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IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Special Requirements Description	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/specialRequirementsDescription	CHEM249	O	Text	1000	0 or 1 (in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Any special requirements for storage or transportation in relation to any hazardous materials for example those regulated by ADR (European Agreement concerning the International Carriage of Dangerous Goods by Road).	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation
Special Permits Exemptions	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/specialPermitsExemptions							All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Special Permit Or Exemption Identification	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/specialPermitsExemptions/specialPermitOrExemptionIdentification	CHEM251	O	Text	35	1 (in group "specialPermitsExemptions" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	An identifier or special permit number for an exemption or special permit for a Trade Item. An identifier for an exception from a regulation specific to packaging for example DOT T, E, SP number, or special permits for a packaging style.	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation • Special Permit Or Exemption Identification • Special Permit Or Exemption Agency

IM GUI Attribute Name	1SYNC XML Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Chemical Ingredients Extension Attribute Map								
Special Permit Or Exemption Agency	chemicalIngredientInformation/transportationClassification/regulatedTransportationMode/specialPermitsExemptions/specialPermitOrExemptionAgency	CHEM252	O	Text	35	1 (in group "specialPermitsExemptions" which allows 0 to many, which is in group "regulatedTransportationMode" which allows 1 to many, which is in group "trasnportation classification" which allows 0 to many)	Special Permits or Exemptions Identification Agency is defined as the agency which issues numbers for an exemption for example US Department of Transportation (DOT).	All dependent attributes must be populated. Dependent attributes include: • Transportation Mode Regulatory Agency • Is Prohibited For Transportation • Special Permit Or Exemption Identification • Special Permit Or Exemption Agency

APPENDIX EG – ELECTRONIC GAMING EXTENSION INFORMATION

This appendix has been designed to work in conjunction with the *IM Participant Dictionary*, the *Data Source GDSN Interoperability Guide*, and the *1SYNC IM Valid Values List* to provide the attribute information necessary to meet the requirements of the Electronic Gaming sector. It provides a summary of the core 1SYNC IM trade item attributes required for data synchronization, as well as all of the Electronic Gaming Extension attributes.

Sending the Electronic Gaming Extension on a CIN Message

If a retailer/interop partner is set up to receive the Electronic Gaming Extension, that retailer/interop will receive the extension if the manufacturer populates any of the attributes within the extension.

In the event that the information provider populates any fields, but does not populate all the other mandatory fields or an extension specific validation is not passed, the CIN will be sent without the extension data.

GDSN CIN - ELECTRONIC GAMING EXTENSION ATTRIBUTE REQUIREMENTS FOR INFORMATION PROVIDER

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurre nce	Business Definition	Logic / Mapping Notes
GDSN Electronic Gaming CIN Extension Attribute Map									
Player Age Range	ageRangeDescription	ageRangeDescription	ENT027	O	text	35,1	0 or 1	Description of the recommended age range of participating players.	
Bulk Price	bulkPrice	bulkPrice	ENT019	O	float	38,15		Wholesale cost price per unit when purchasing a standard configuration.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • bulkPrice (ENT069) • bulkPriceCurr (ENT020)
Bulk Price Currency	bulkPriceCurr	bulkPriceCurr	ENT020	D	text	3,1		The local currency associated with Bulk Price.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • bulkPrice (ENT019) • bulkPriceCurr (ENT020) Item Sync Error Response results if the value is not a valid currency code *See 1SYNC IM Valid Values List document for Currency code valid values*
Game Title	electronicGameTitle	electronicGameTitle	ENT002	O	text	200,1	1	Complete title of the trade item.	
Game Format	gameFormat	gameFormat	ENT004	O	text	70,1	1	Electronic Gaming industry sector only.	*See 1SYNC IM Valid Values List document for Game Format valid values.*
Last Update Date	lastManufacturerUpdateDateTime	lastmanufacturerUpdateDateTime	ENT005	O	datetime		1	Last date the manufacturer has made a change to the title information.	Item Sync Error Response results if attribute is not populated. Format of CCYY-MMDDTHH: MM:SS

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadshee t Load Tool Attribute Qualifier (ATII)	M/O/D to map extensio n	Data Type	Min/ Max Length	Occurre nce	Business Definition	Logic / Mapping Notes
GDSN Electronic Gaming CIN Extension Attribute Map									
Last Return Date	lastReturnableDa teTime	lastReturnableDate Time	ENT018	O	datetim e		0 or 1	Last day the trade item must be received by the manufacturer in order to receive credit.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • orderableReturnableConditionsC ode (ENT017) Format of CCYY-MMDDTHH: MM:SS
Loose Price	loosePrice	loosePrice	ENT021	O	float	38,15	0 or 1	Wholesale cost price per unit when purchasing individual units that are not in a standard configuration.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • loosePrice (ENT021) • loosePriceCurr (ENT022)
Loose Price Currency	loosePriceCurr	loosePriceCurr	ENT022	D	text	3,1	1	The local currency associated with Loose Price.	Item Sync Error Response # 652 results if all dependent attributes are not populated. Dependent attributes include: • loosePrice (ENT021) • loosePriceCurr (ENT022) Item Sync Error Response results if the value is not a valid currency code. *See 1SYNC IM Valid Values List document for Currency code valid values.*
Max # of Players	maximumNumbe rOfPlayers	maximumNumberO fPlayers	ENT028	O	integer	6,1	0 or 1	Maximum number of players that can participate in the game.	
Max Player Age	maximumPlayerA ge	maximumPlayerAge	ENT029	O	integer	3,1	0 or 1	Recommended oldest age for a player participating in the game.	

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN Electronic Gaming CIN Extension Attribute Map									
Min Adv Price	minimumAdvertisedPrice	minimumAdvertisedPrice	ENT023	O	float	21,21	0 or 1	This is the minimum advertised price.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • minimumAdvertisedPrice (ENT023) • minimumAdvertisedPriceCurr (ENT024) • minimumAdvertisedPriceEffStart Date
Min Adv Price Currency	minimumAdvertisedPriceCurr	minimumAdvertisedPriceCurr	ENT024	D	text	3,1	1	The local currency associated with Minimum Advertised Price.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • minimumAdvertisedPrice (ENT023) • minimumAdvertisedPriceCurr (ENT024) • minimumAdvertisedPriceEffStart Date (ENT026) Item Sync Error Response results if the value is not a valid currency code. *See 1SYNC IM Valid Values List document for Currency code valid values*

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurre nce	Business Definition	Logic / Mapping Notes
GDSN Electronic Gaming CIN Extension Attribute Map									
Adv Price End Date	minimumAdvertisedPriceEffEndDate	minimumAdvertisedPriceEffEndDate	ENT026	O	date		0 or 1	The effective end date of the price is optional based upon the agreement by the trading partners. If an invalid end date is communicated, then it is implied that the price and its effective date are effective until further notice. Examples of invalid dates include 99/99/9999, 00/00/0000, blank, etc. These invalid end dates should not be communicated. Various types of dates may be pre-aligned between buyer and seller.	Item Sync Error Response results if minimumAdvertisedPriceEffStartDate is later than minimumAdvertisedPriceEffEndDate Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • minimumAdvertisedPrice (ENT023) • minimumAdvertisedPriceCurr (ENT024) • minimumAdvertisedPriceEffStart Date (ENT026)
Adv Price Start Date	minimumAdvertisedPriceEffStartDate	minimumAdvertisedPriceEffStartDate	ENT025	O	date		1	This is the effective start date of the price agreed to by the trading partners. This start date is mandatory and, if no end date is communicated, then implies that the price is effective until further notice. Various types of dates may be pre-aligned between buyer and seller.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • minimumAdvertisedPrice (ENT023) • minimumAdvertisedPriceCurr (ENT024) • minimumAdvertisedPriceEffStart Date (ENT026) Item Sync Error Response results if minimumAdvertisedPriceEffStartDate is later than minimumAdvertisedPriceEffEndDate
Min # of Players	minimumNumberOfPlayers	minimumNumberOfPlayers	ENT030	O	integer	6,1	0 or 1	Minimum number of players that can participate in the game.	

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurre nce	Business Definition	Logic / Mapping Notes
GDSN Electronic Gaming CIN Extension Attribute Map									
Min Player Age	minimumPlayerAge	minimumPlayerAge	ENT031	O	integer	3,1	0 or 1	Recommended youngest age for a player participating in the game. Recommended youngest age for a player participating in the game.	
Product Genre	productGenre	productGenre	ENT041	O	text	35,1	1	The code of the genre for this electronic games trade item. The genre is a categorization of the trade item based upon the content and maintained for marketing and merchandising purposes.	
Return Condition Code	orderableReturnableConditionsCode	orderableReturnableConditionsCode	ENT017	O	text	60,1	1	Indicates the conditions which determine if the store level trade item is orderable or returnable.	**Suggested Values:** ACTIVE CUTOUT DELETED HOLD
Preferred GTIN	preferredTradeItemGtin	preferredTradeItemGtin	ENT010	O	text	14,14	1		Item Sync Error Response results if the data type is not a pattern of 14 characters consisting of only 0-9.
Qty of Batteries Reqd	quantityOfBatteriesRequired	quantityOfBatteriesRequired	ENT009	O	integer	6,1	0 or 1	The number of batteries required to operate the electronic game.	If Quantity of Batteries Reqd is populated, Item Sync Error Response results if the following dependent attributes are not populated: • areBatteriesIncluded (ENT006) • areBatteriesRequired (ENT007)
Rating Content Description	publicationTitleRating/ratingContentDescriptor	ratingContentDescriptor	ENT013	O	text	70,1	0 to many	Indicate elements in the trade item that may trigger a particular rating and/or may be of interest or concern to the consumer.	Language code of (value) is not a valid language code

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IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN Electronic Gaming CIN Extension Attribute Map									
Title Rating	publicationTitleRating/titleRating	titleRating	ENT011	O	text	35,1	1	A rating assigned to the title by a country, industry or volunteer organization that may be of interest or concern to the consumer.	Item Sync Error Response results if attribute is not populated.
Title Rating Entity	publicationTitleRating/titleRatingEntity	titleRatingEntity	ENT012	O	text	35,1	1	The name of the country, industry or volunteer organization that has rated the title and has provided the rating content descriptor.	Item Sync Error Response results if attribute is not populated.

APPENDIX FB – GDSN FOOD AND BEVERAGE CIN EXTENSION INFORMATION

This appendix has been designed to work in conjunction with the 1SYNC *IM Participant Dictionary*, the *Data Source GDSN Interoperability Guide*, *the Data Source 1SYNC XML Guide, the Data Recipient 1SYNC XML Guide, and the 1SYNC IM Valid Values List* documents to provide a summary of the core 1SYNC IM trade item attributes required for data synchronization, as well all of the Food and Beverage CIN Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

Sending the Food and Beverage Extension on a CIN Message

The Food and Beverage CIN Extension will be sent to customers that are configured at 1SYNC to receive the extension. The Food and Beverage CIN Extension is considered Optional and will be sent to the Retailer once the Retailer GLN is setup to receive the extension and will only be present on the CIN message if all of the conditions are met and all validations have been passed. 1SYNC is only mapping a subset of the standard GDSN Food and Beverage CIN Extension, and all sections are optional. As long as one of the optional attributes is present, and the Retailer is setup to receive it, the Food and Beverage CIN Extension will be attempted to be attached to the core CIN message.

General Mapping Rules, Validations, and Resulting Responses

Listed below are the 1SYNC Item attributes mapped in the Food and Beverage CIN Extension with the applicable mapping logic. Also listed are potential error conditions resulting in a message or a failure as noted in the table below.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Allergen Statement	allergenStatement	allergenStatement	FNB039	O	Text	1/1000	0 to many by lang	Textual description of the presence or absence of allergens as governed by local rules and regulations, specified as one string.	Language-specific attribute
Allergen Specification Agency	foodAndBevAllergen/allergenSpecificationAgency	allergenSpecificationAgency	FNB001	D	Text	1/70	1 (in group "foodAndBevAllergen," which allows 0 to many)	Agency that controls the allergen definition.	All dependent attributes must be populated. Dependent attributes include: • Allergen Specification Agency (FNB001) • Allergen Specification Name (FNB002) • Allergen Type Code (FNB003) • Level Of Containment (FNB004)
Allergen Specification Name	foodAndBevAllergen/allergenSpecificationName	allergenSpecificationName	FNB002	D	Text	1/70	1 (in group "foodAndBevAllergen," which allows 0 to many)	Free text field containing the name and version of the regulation or standard that contains the definition of the allergen.	All dependent attributes must be populated. Dependent attributes include: • Allergen Specification Agency (FNB001) • Allergen Specification Name (FNB002) • Allergen Type Code (FNB003) • Level Of Containment (FNB004)

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Allergen Type Code	foodAndBevAllergen/allergenTypeCode	allergenTypeCode	FNB003	D	Text	1/60	1 (in group "foodAndBevAllergen," which allows 0 to many)	Code indicating the type of allergen.	All dependent attributes must be populated. Dependent attributes include: • Allergen Specification Agency (FNB001) • Allergen Specification Name (FNB002) • Allergen Type Code (FNB003) • Level Of Containment (FNB004) Value is mapped inbound only if within "Allergen Type Code" valid values list.
Level Of Containment	foodAndBevAllergen/levelOfContainment	levelOfContainment	FNB004	D	Text	1/60	1 (in group "foodAndBevAllergen," which allows 0 to many)	Code indicating the level of presence of the allergen.	All dependent attributes must be populated. Dependent attributes include: • Allergen Specification Agency (FNB001) • Allergen Specification Name (FNB002) • Allergen Type Code (FNB003) • Level Of Containment (FNB004) Value is mapped inbound only if within "Level Of Containment" valid values list.

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IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Diet Type Code	foodAndBevDietTypeInfo/dietTypeCode	dietTypeCode	FNB005	O	Text	1/60	1 (in group "foodAndBevDietTypeInfo," which allows 0 to many)	Code indicating the diet for, which the product is suitable.	Value is mapped inbound only if within "Diet Type Code" valid values list. This is a choice attribute between Diet Type Code and Diet Type Description. If both are present, Diet Type Code will sync out.
Diet Type Subcode	foodAndBevDietTypeInfo/dietTypeCertificationNumber	dietTypeSubcode	FNB006	D	Text	1/60	0 to 1 (in group "foodAndBevDietTypeInfo," which allows 0 to many)	Indicates a set of agreements or a certificate name that guarantees the product is permitted in a particular diet.	All dependent attributes must be populated. Dependent attributes include: • Diet Type Code (FNB005) Value is mapped inbound only if within "Diet Type Subcode" valid values list.
Diet Certification Number	foodAndBevDietTypeInfo/dietTypeCertificationAgency	dietCertificationNumber	FNB061	O	Text	1/60	0 to 1 (in group "foodAndBevDietTypeInfo," which allows 0 to many)	Identification given to the trade item by the certification organization defining the requirements for diet claims.	All dependent attributes must be populated. Dependent attributes include: • Diet Type Code(FNB005)
Diet Certification Agency	foodAndBevDietTypeDescInfo/dietCertificationAgency	dietCertificationAgency	FNB0610	O	Text	1/60	0 to 1 (in group "foodAndBevDietTypeInfo," which allows 0 to many)	Name of organization defining the requirements for diet claims.	All dependent attributes must be populated. Dependent attributes include: • Diet Type Code(FNB005)

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Diet Type Description	foodAndBevDietTypeDescInfo/dietTypeDescription	dietTypeDescription	FNB007	O	Text	1/70	1 to many by lang (in group "foodAndBevDietTypeDescInfo," which allows 0 to many)	Free text for indication of diet not stated in the list of diets.	Language-specific attribute
Diet Certification Number	foodAndBevDietTypeDescInfo/dietCertificationNumber	dietCertificationNumber	FNB048	O	Text	1/60	0 to 1 (in group "foodAndBevDietTypeDescInfo," which allows 0 to many)	Identification given to the trade item by the certification organization defining the requirements for diet claims.	All dependent attributes must be populated. Dependent attributes include: • Diet Type Description (FNB007) Note: This is an Optional attribute, which is mapped with Diet Type Description.
Diet Certification Agency	foodAndBevDietTypeDescInfo/dietCertificationAgency	dietCertificationAgency	FNB049	O	Text	1/60	0 to 1 (in group "foodAndBevDietTypeDescInfo," which allows 0 to many)	Name of organization defining the requirements for diet claims.	All dependent attributes must be populated. Dependent attributes include: • Diet Type Description (FNB007) Note: This is an Optional attribute, which is mapped with Diet Type Description.
Content Percentage	foodAndBevIngredient/contentPercentage	contentPercentage	FNB008	O	Float	1/5,2	0 to 1 (in group "foodAndBevIngredient," which allows 0 to many)	Indication of the percentage of the ingredient contained in the product.	All dependent attributes must be populated. Dependent attributes include: • Ingredient Sequence (FNB009) • Ingredient Name (FNB010)

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Ingredient Country Of Origin	foodAndBevIngredient/ingredientCountryOfOrigin	countryOfOrigin	FNB056	O	Text	1/5	0 to 1 (in group "foodAndBevIngredient," which allows 0 to many)	The country code (codes) indicating the country of origin of the ingredient.	All dependent attributes must be populated. Dependent attributes include: • Ingredient Sequence (FNB009) • Ingredient Name (FNB010)
Ingredient Sequence	foodAndBevIngredient/ingredientSequence	ingredientSequence	FNB009	D	Integer	1/12	1 (in group "foodAndBevIngredient," which allows 0 to many)	Integer (1, 2, 3…) indicating the ingredient order by content percentage of the product. (major ingredient = 1, second ingredient = 2) etc.	All dependent attributes must be populated. Dependent attributes include: • Ingredient Name (FNB010)
Ingredient Name	foodAndBevIngredient/ingredientName	ingredientName	FNB010	D	Text	1/70	1 to many by lang (in group "foodAndBevIngredient," which allows 0 to many)	Text field indicating one ingredient or ingredient group (according to regulations of the target market). Ingredients include any additives (colourings, preservatives, e-numbers, etc.) that are encompassed.	All dependent attributes must be populated. Dependent attributes include: • Ingredient Name (FNB010) Language-specific attribute
Fish Catch Zone	foodAndBevIngredient/fishCatchZone	fishCatchZone	FNB052	O	Text	1/70	0 to many (in group "foodAndBevIngredient," which allows 0 to many)	The sea zone from which the seafood in the trade item was caught in.	All dependent attributes must be populated. Dependent attributes include: • Ingredient Sequence (FNB009) • Ingredient Name (FNB010) Language-specific attribute

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IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Grape Variety Code	foodAndBevIngredient/ grapeVarietyCode	foodAndBevIngredient/grapeVarietyCode	FNB077	O	Text	1/70	0 to 1 (in group "foodAndBevIngredient," which allows 0 to many)	The vine variety used for the production of this wine for example Merlot expressed as a code.	All dependent attributes must be populated. Dependent attributes include: • Ingredient Sequence (FNB009) • Ingredient Name (FNB010)
IngredientPurpose	foodAndBevIngredient/ingredientPurpose	foodAndBevIngredient/ingredientPurpose	FNB078	O	Text	1/70	0 or More (in group "foodAndBevIngredient," which allows 0 to many)	A description of the primary purpose that an ingredient serves for example a colouring in the case of annatto in a cheese rind.	All dependent attributes must be populated. Dependent attributes include: • Ingredient Sequence (FNB009) • Ingredient Name (FNB010)
Ingredient Source Animal Code	foodAndBevIngredient/ingredientSourceAnimalCode	foodAndBevIngredient/ingredientSourceAnimalCode	FNB079	O	Text	1/70	0 or More (in group "foodAndBevIngredient," which allows 0 to many)	The source of raw material used to produce the food product for example a goat for milk.	All dependent attributes must be populated. Dependent attributes include: • Ingredient Sequence (FNB009) • Ingredient Name (FNB010)
Party In Role	foodAndBevIngredient/ partyInRole	foodAndBevIngredient/partyInRole	N/A	O	Grouping		0 or More (in group "foodAndBevIngredient," which allows 0 to many)	Grouping of attributes to describe the role of each party for an ingredient	
Party Name	foodAndBevIngredient/ partyInRole/partyName	foodAndBevIngredient/partyInRole/partyName	FNB062	O	Text	1/200	0 or 1 More (in group "partyInRole," which allows 0 to many)	The name of the party expressed in text.	If Party Name is Populated partyInRole/GLN must be populated.

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IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Party Role	foodAndBevIngredient/ partyInRole/partyRole	foodAndBevIng redient/partyIn Role/partyRole	FNB063	O	VV	1/70	0 or 1 More (in group "partyInRole," which allows 0 to many)	A code that identifies the role of a party in a business transaction.	If Party Role is Populated partyInRole/GLN must be populated.
GLN	foodAndBevIngredient/ partyInRole/gln	foodAndBevIng redient/partyIn Role/gln	FNB064	M	GLN	13/13	0 or 1 (in group "partyInRole," which allows 0 to many)	The Global Location Number (GLN) is a structured Identification of a physical location, legal or functional entity within an enterprise. The GLN is the primary party identifier.	
Additional Party Identification	foodAndBevIngredient/ partyInRole/additionalP artyIdentification	foodAndBevIng redient/partyIn Role/additional PartyIdentificat ion	N/A	O	Groupin g		0 or More (in group "partyInRole," which allows 0 to many)	Grouping of attributes to describe an additional Party Identification	
Additional Party Identification Type	foodAndBevIngredient/ partyInRole/additionalP artyIdentification/additi onalPartyIdentificationT ype	foodAndBevIng redient/partyIn Role/additional PartyIdentificat ion/additionalP artyIdentificati onType	FNB065	O	VV	1/70	0 or 1 (in group additionalPartyId entification which allows 0 to Many)	Identification of a party by use of a code other than the Global Location Number.	If Additional Party Identification Type is Populated partyInRole/GLN must be populated.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Additional Party Identification Code	foodAndBevIngredient/ partyInRole/additionalP artyIdentification/additi onalPartyIdentificationC ode	foodAndBevIng redient/partyIn Role/additional PartyIdentificat ion/additionalP artyIdentificati onCode	FNB066	O	Text	1/70	0 or 1 (in group additionalPartyId entification which allows 0 to Many)	A party identifier that is in addition to the GLN.	If Additional Party Identification Code is Populated partyInRole/GLN must be populated.
Ingredients List	ingredientsList	ingredientsStat ement	TMX142	O	Text	1/4000	0 to many by lang	Indication of ingredients listed on the product.	Language-specific attribute
Growing Method Code	foodAndBevIngredient/ growingMethodCode	growingMethod Code	FNB053	O	Text	1/35	0 to many	The process through which fresh produce is grown and cultivated.	All dependent attributes must be populated. Dependent attributes include: • Ingredient Sequence (FNB009) • Ingredient Name (FNB010) Language-specific attribute
Genetically Modified Declaration Code	geneticallyModifiedDecl arationCode	geneticallyModi fiedDeclaration Code	FNB030	O	Text	1/60	0 to 1	States the presence or absence of genetically modified protein or DNA in the trade item.	Value is mapped inbound only if within "Level Of Containment" valid values list.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Organism Code	foodAndBevMicrobiological/organismCode	organismCode	FNB011	D	Text	1/60	1 (in group "foodAndBevMicrobiological," which allows 0 to many)	Code indicating the type of microbiological organism.	All dependent attributes must be populated. Dependent attributes include: • Organism Code (FNB011) • Organism Maximum Value (FNB012) • Organism Maximum Value UOM (FNB013) Value is mapped inbound only if within "Organism Code" valid values list.
Organism Maximum Value	foodAndBevMicrobiological/organismMaximumValue	organismMaximumValue	FNB012	D	Float	1/15,15	1 (in group "foodAndBevMicrobiological," which allows 0 to many)	Maximum allowable value of the microbiological organism.	All dependent attributes must be populated. Dependent attributes include: • Organism Code (FNB011) • Organism Maximum Value (FNB012) • Organism Maximum Value UOM (FNB013)
Organism Maximum Value UOM	foodAndBevMicrobiological/organismMaximumValueUOM	organismMaximumValueUOM	FNB013	D	Text	1/3	1 (in group "foodAndBevMicrobiological," which allows 0 to many)	Unit of Measurement associated with the Organism Maximum Value.	All dependent attributes must be populated. Dependent attributes include: • Organism Code (FNB011) • Organism Maximum Value (FNB012) • Organism Maximum Value UOM (FNB013) Value is mapped inbound only if within "Nutrient Quantity Contained UOM" valid values list.

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IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Preparation State	foodAndBevNutrientInfo /preparationState	preparationState	FNB014	D	Text	1/60	1 (in group "foodAndBevNutrientInfo" which allows 0 to many)	Code specifying whether the nutrient information applies to the prepared or unprepared state of the product.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) Value is mapped inbound only if within "Preparation State" valid values list.
Measurement Precision	foodAndBevNutrientInfo /measurementPrecision	measurementPrecision	FNB015	D	Text	1/60	1 (in group "foodAndBevNutrientInfo" which allows 0 to many)	Code indicating whether the specified nutrient content is exact or approximate.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) Value is mapped inbound only if within "Measurement Precision" valid values list.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Nutrient Type Code	foodAndBevNutrientInfo /nutrientTypeCode	nutrientTypeCode	FNB016	D	Text	1/35	1 (in group "foodAndBevNutrientInfo" which allows 0 to many)	Code from the list of the INFOODS food component tag names (http://www.fao.org/infoods/infoods/standards-guidelines/food-component-identifiers/en/) identifying nutrients contained in the product.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016)
Percentage Of Daily Value Intake	foodAndBevNutrientInfo /percentageOfDailyValueIntake	percentageOfDailyValueIntake	FNB017	O	Float	1/5,2	0 to 1 (in group "foodAndBevNutrientInfo" which allows 0 to many)	The percentage of the recommended daily intake of a nutrient as recommended by authorities of the target market. Is expressed relative to the serving size and base daily value intake.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016)
Nutrient Quantity Contained	foodAndBevNutrientInfo /nutrientQuantityContained	nutrientQuantityContained	FNB018	D	Float	1/15,15	0 to Many (in group "foodAndBevNutrientInfo" which allows 0 to many)	Measurement value indicating the amount of nutrient contained in the product. Is expressed relative to the serving size.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) • Nutrient Quantity Contained UOM (FNB019)

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Nutrient Quantity Contained UOM	foodAndBevNutrientInfo /nutrientQuantityContained@UOM	nutrientQuantityContained@UOM	FNB019	D	Text	1/3	0 to 1 (in group "foodAndBevNutrientInfo" which allows 0 to many)	Unit of Measurement associated with the Nutrient Quantity Contained value.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) • Nutrient Quantity Contained (FNB018) Value is mapped inbound only if within "Nutrient Quantity Contained UOM" valid values list.
Nutrient Basis Quantity	foodAndBevNutrientInfo /nutrientBasisQuantity	NA	AVP963	D	Text	1/70	0 to 1 (in group "foodAndBevNutrientInfo" which allows 0 to many)	If providing 100 Gram nutritional information, populate with "100 Gram". If nutritional data is based on serving size, leave this field blank.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) • Nutrient Quantity Contained (FNB018)

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Serving Size Instance	foodAndBevNutrientInfo /servingSizeInstance	servingSizeInstance		D	Text	1/70	0 to 1 (in group "foodAndBevNutrientInfo" which allows 0 to many)	Used in conjunction with the preparation state to designate the serving size instance that the nutrient information pertains to. If a serving size instance is assigned that does not exist, the nutrient information will not be synced out.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) • Nutrient Quantity Contained (FNB018) Value is mapped inbound only if within "Serving Size Instance Code" valid values list.
Household Serving Size	foodAndBevServingSize Info/householdServingSize	householdServingSize	FNB050	O	Text	1/70	0 to many by lang (in group "foodAndBevServingSizeInfo" which allows 0 to many)	Free text field specifying the household serving size in which the information per nutrient has been stated. Example: Per 1/3 cup (42 g).	All dependent attributes must be populated. Dependent attributes include: • Serving Size (FNB020) • Serving Size UOM (FNB021) • Serving Size Preparation State (FNB022) • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) • Nutrient Quantity Contained (FNB018) Language-specific attribute

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Serving Size	foodAndBevServingSize Info/servingSize	servingSize	FNB020	D	Float	1/15,15	1 (in group "foodAndBevServ ingSizeInfo" which allows 0 to many)	Measurement value specifying the serving size in which the information per nutrient has been stated. Example: Per 100 grams.	All dependent attributes must be populated. Dependent attributes include: • Serving Size (FNB020) • Serving Size UOM (FNB021) • Serving Size Preparation State (FNB022) • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) • Nutrient Quantity Contained (FNB018)
Serving Size UOM	foodAndBevServingSize Info/servingSizeUOM	servingSizeUO M	FNB021	D	Text	1/3	1 (in group "foodAndBevServ ingSizeInfo" which allows 0 to many)	Unit of Measurement associated with the Serving Size value.	All dependent attributes must be populated. Dependent attributes include: • Serving Size (FNB020) • Serving Size UOM (FNB021) • Serving Size Preparation State (FNB022) • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) • Nutrient Quantity Contained (FNB018) Value is mapped inbound only if within "UOM" valid values list.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
dailyValueIntakeReference	foodAndBevServingSizeInfo/dailyValueIntakeReference	dailyValueIntakeReference	FNB070	O	Text	1/70	1 to many by lang (in group "foodAndBevServingSizeInfo" which allows 0 to many)	Free text field specifying the daily value intake base for on which the daily value intake per nutrient has been based.	All dependent attributes must be populated. Dependent attributes include: • Serving Size (FNB020) • Serving Size UOM (FNB021) • Serving Size Preparation State (FNB022) • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) • Nutrient Quantity Contained (FNB018) Value is mapped inbound only if within "UOM" valid values list.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Serving Size Preparation State	foodAndBevServingSize Info/servingSizePreparationState	NA	FNB022	D	Text	1/60	*Inbound only 1 (in group "foodAndBevServingSizeInfo" which allows 0 to many)	Code specifying whether the nutrient information applies to the prepared or unprepared state of the product. This is a repeat of the Preparation State, in order to tie the correct Serving Size to the correct Preparation State.	All dependent attributes must be populated. Dependent attributes include: • Serving Size (FNB020) • Serving Size UOM (FNB021) • Serving Size Preparation State (FNB022) • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) • Nutrient Quantity Contained (FNB018) Value is mapped inbound only if within "Preparation State" valid values list.
Serving Size Instance	foodAndBevServingSize Info /servingSizeInstance	servingSizeInstance		D	Text	1/70	0 to 1 (in group "foodAndBevNutrientInfo" which allows 0 to many)	Used in conjunction with the preparation state to designate the serving size instance that the nutrient information pertains to. If a serving size instance is assigned that does not exist, the nutrient information will not be synced out.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) • Nutrient Quantity Contained (FNB018) Value is mapped inbound only if within "Serving Size Instance Code" valid values list.

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IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Fat In Milk Content	fatInMilkContent	fatInMilkConte nt	FNB062	D	Decimal	5,2	0 or 1	The percentage of fat contained in milk content of the product. A percentage value of 0.00 to 100.00.	All dependent attributes must be populated. Dependent attributes include: • Serving Size (FNB020) • Serving Size UOM (FNB021) • Serving Size Preparation State (FNB022) • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) • Nutrient Quantity Contained (FNB018) Value is mapped inbound only if within "Preparation State" valid values list.
Preparation Type	foodAndBevPreparationI nfo/preparationType	preparationTyp e	FNB023	D	Text	1/60	1 (in group "foodAndBevPrep arationInfo" which allows 0 to many)	A code specifying the technique used to make the product ready for consumption. For example: baking, boiling.	All dependent attributes must be populated. Dependent attributes include: • Preparation Type (FNB023) • Preparation Instructions (FNB024) Value is mapped inbound only if within "Preparation Type" valid values list.

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IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Product Yield Type Code	foodAndBevPreparationInfo/productYieldTypeCode	productYieldTypeCode	FNB040	O	Text	1/60	0 to 1 (in group "foodAndBevPreparationInfo" which allows 0 to many)	Code indicating the type of yield measurement.	All dependent attributes must be populated. Dependent attributes include: • Preparation Type (FNB023) • Preparation Instructions (FNB024) • Product Yield (FNB042) • Product Yield UOM (FNB043) Value is mapped inbound only if within "Product Yield Type Code" valid values list.
Product Yield Variation	foodAndBevPreparationInfo/productYieldVariation	productYieldVariation	FNB041	O	Decimal	1/5,2	0 to 1 (in group "foodAndBevPreparationInfo" which allows 0 to many)	Attribute Name Key: productYieldVariation Indication of range in percent of the given cooking / roasting loss. Percentage that the actual weight of the trade item differs upward or downward from the average or estimated product yield.	All dependent attributes must be populated. Dependent attributes include: • Preparation Type (FNB023) • Preparation Instructions (FNB024) • Product Yield Type Code (FNB040) • Product Yield (FNB042) • Product Yield UOM (FNB043)
Product Yield	foodAndBevPreparationInfo/productYield	productYield	FNB042	O	Decimal	1/15,15	0 to 1 (in group "foodAndBevPreparationInfo" which allows 0 to many)	Product quantity after preparation.	All dependent attributes must be populated. Dependent attributes include: • Preparation Type (FNB023) • Preparation Instructions (FNB024) • Product Yield Type Code (FNB040) • Product Yield UOM (FNB043)

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Product Yield UOM	foodAndBevPreparationInfo/productYieldUOM	productYieldUOM	FNB043	D	Text	1/3	0 to 1 (in group "foodAndBevPreparationInfo" which allows 0 to many)	Unit of measure associated with Product Yield.	All dependent attributes must be populated. Dependent attributes include: • Preparation Type (FNB023) • Preparation Instructions (FNB024) • Product Yield Type Code (FNB040) • Product Yield (FNB042)
Precautions	foodAndBevPreparationInfo/precautions	precautions	FNB044	O	Text	1/1000	0 to 1 (in group "foodAndBevPreparationInfo" which allows 0 to many)	Specifies additional precautions to be taken before preparation or consumption of the product.	All dependent attributes must be populated. Dependent attributes include: • Preparation Type (FNB023) • Preparation Instructions (FNB024)
Convenience Level	foodAndBevPreparationInfo/convenienceLevel	Convenience Level	FNB057	O	Decimal	1/5,2	0 to 1 (in group "foodAndBevPreparationInfo" which allows 0 to many)		All dependent attributes must be populated. Dependent attributes include: • Preparation Type (FNB023) • Preparation Instructions (FNB024) • Product Yield Type Code (FNB040) Product Yield UOM (FNB043)
Preparation Instructions	foodAndBevPreparationInfo/preparationInstructions	preparationInstructions	FNB024	D	Text	1/2500	1 to many by lang (in group "foodAndBevPreparationInfo" which allows 0 to many)	Textual instruction on how to prepare the product before serving.	All dependent attributes must be populated. Dependent attributes include: • Preparation Type (FNB023) • Preparation Instructions (FNB024) Language-specific attribute

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Minimum Optimum Consumption Temperature	foodAndBevPreparationInfo/minimumOptimumConsumptionTemperature	minimumOptimumConsumptionTemperature		D	Decimal	1/15,15	1 to many by lang (in group "foodAndBevPreparationInfo" which allows 0 to many)	The lower limit drinking temperature of the optimum range of the drinking temperature. The optimum range of the drinking temperature is a recommendation and is based on the experience of the individual producer.	All dependent attributes must be populated. Dependent attributes include: • Preparation Type (FNB023) • Preparation Instructions (FNB024)
Maximum Optimum Consumption Temperature	foodAndBevPreparationInfo/maximumOptimumConsumptionTemperature	maximumOptimumConsumptionTemperature		D	Decimal	1/15,15	1 to many by lang (in group "foodAndBevPreparationInfo" which allows 0 to many)	The upper limit drinking temperature of the optimum range of the drinking temperature. The optimum range of the drinking temperature is a recommendation and is based on the experience of the individual producer.	All dependent attributes must be populated. Dependent attributes include: • Preparation Type (FNB023) • Preparation Instructions (FNB024)

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Maximum Number Of Smallest Units Per Package	maximumNumberOfSmallestUnitsPerPackage	foodAndBeverageServingInformation/@maximumNumberOfSmallestUnitsPerPackage	FNB051	O	Integer	1/35	0 to 1	The maximum number of the smallest units contained in the package. This attribute is to be used in conjunction with numberOfSmallestUnitsPerPackage in order to enter a minimum and maximum value. For example for a package of meat balls where the smallest units per package could be from 56-60, the maximumNumberOfSmallestUnitsPerPackage would be 60.	
Number Of Servings Per Package	numberOfServingsPerPackage	numberOfServingsPerPackage	FNB025	O	Integer	1/15	0 to 1	The total number of servings contained in the package.	
Number Of Smallest Units Per Package	numberOfSmallestUnitsPerPackage	numberOfSmallestUnitsPerPackage	FNB026	O	Integer	1/15	0 to 1	The total number of smallest units contained in the package. The smallest unit can not be further divided without breaking or slicing the product. Example: 10 pancakes.	

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Additive Name	foodAndBevAdditiveInformation/additiveName	additiveName	FNB031	D	Text	1/200	1 (in group "foodAndBeverageAdditiveInformation" which allows 0 to many)	Represents the name of any additive or genetic modification contained or not contained in the trade item.	All dependent attributes must be populated. Dependent attributes include: • Additive Name (FNB031) • Additive Level Of Containment (FNB032)
Additive Level of Containment	foodAndBevAdditiveInformation/additiveLevelOfContainment	levelOfContainment	FNB032	D	Text	1/15	1 (in group "foodAndBeverageAdditiveInformation" which allows 0 to many)	Code indicating the level of presence of the additive.	All dependent attributes must be populated. Dependent attributes include: • Additive Name (FNB031) • Additive Level Of Containment (FNB032) Value is mapped inbound only if within "Level Of Containment" valid values list.
Nutritional Claim	nutritionalClaim	nutritionalClaim	FNB045	O	Text	1/1000	0 to many by lang	Free text field for any additional nutritional claims.	Language-specific attribute
Serving Suggestion	servingSuggestion	servingSuggestion	FNB038	O	Text	1/1000	0 to 1	Free text field for serving suggestion.	Language-specific attribute

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Health Claims	healthClaims/healthClaim	healthClaim	FNB058	O	Text	1/70	0 to 1	Free text field for any health claims according to regulations of the target market.	Language-specific attribute
Fish Meat Poultry Type Code List Agency	fishMeatPoultryTypeCodeListAgency	fishMeatPoultryTypeCodeListAgency	FNB037	O	Text	1/70	0 to 1	The code list agency responsible for maintaining a fish, meat, poultry type code list. Example: USDA.	
Fish Meat Poultry Type Code List Identification	fishMeatPoultryTypeCodeListIdentification	fishMeatPoultryTypeCodeListIdentification	FNB034	O	Text	1/70	0 to 1	The identification of a fish, meat, and poultry type code list. Example: USDA Individual Intake Food Group List.	
Fish Meat Poultry Type Code	fishMeatPoultryContent/fishMeatPoultryTypeCode	fishMeatPoultryTypeCode	FNB033	D	Text	1/35	1 (in group "fishMeatPoultryContent" which allows 0 to many)	The fish, meat, or poultry type for this food and beverage item.	All dependent attributes must be populated. Dependent attributes include: • Fish Meat Poultry Type Code (FNB033) • Minimum Fish Meat Poultry Content (FNB035) • Minimum Fish Meat Poultry Content UOM (FNB036)

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Minimum Fish Meat Poultry Content	fishMeatPoultryContent/ minimumFishMeatPoultryContent	minimumFishMeatPoultryContent	FNB035	D	Float	1/15,15	1 (in group "fishMeatPoultryContent" which allows 0 to many)	The minimum amount of fish, meat or poultry contained in a food and beverage trade item expressed as a measurement.	All dependent attributes must be populated. Dependent attributes include: • Fish Meat Poultry Type Code (FNB033) • Minimum Fish Meat Poultry Content (FNB035) • Minimum Fish Meat Poultry Content UOM (FNB036)
Minimum Fish Meat Poultry Content UOM	fishMeatPoultryContent/ minimumFishMeatPoultryContentUOM	minimumFishMeatPoultryContentUOM	FNB036	D	Text	1/3	1 (in group "fishMeatPoultryContent" which allows 0 to many)	Unit of Measurement associated with the Minimum Fish Meat Poultry Content value.	All dependent attributes must be populated. Dependent attributes include: • Fish Meat Poultry Type Code (FNB033) • Minimum Fish Meat Poultry Content (FNB035) • Minimum Fish Meat Poultry Content UOM (FNB036) Value is mapped inbound only if within "Minimum Fish Meat Poultry Content" valid values list.
Nutritional Program Code	nutritionalProgramCode	nutritionalProgramCode	FNB055	O	Text	1/35	O or many	Programs designed to encourage people to eat a certain way in order to benefit their nutrition. For example, "5 a Day".	

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Production Facility GLN	productionFacilityGln	productionFacilityGln	FNB046	O	Text	13/13	0 to many	Identifies the facility where the product is being produced. Enables users to identify and look up the name of the facility where the product has been produced.	
Certification Agency	certificationAgency	certificationAgency	FNB027	D	Text	1/70	1 (in group "foodAndBevCertificationInfo" which allows 0 to many)	Name of the organization issuing the certification standard or other requirement being met. Free text field. Example: European Union.	All dependent attributes must be populated. Dependent attributes include: • Certification Agency (FNB027) • Certification Standard (FNB028) • Certification Value (FNB029)
Certification Standard	certificationStandard	certificationStandard	FNB028	D	Text	1/70	1 (in group "foodAndBevCertificationInfo" which allows 0 to many)	Name of the certification standard. Free text. Example: Egg classification.	All dependent attributes must be populated. Dependent attributes include: • Certification Agency (FNB027) • Certification Standard (FNB028) • Certification Value (FNB029)
Certification Value	certificationValue	certificationValue	FNB029	D	Text	1/70	1 (in group "foodAndBevCertificationInfo" which allows 0 to many)	The product's certification standard value. Example: 4.	All dependent attributes must be populated. Dependent attributes include: • Certification Agency (FNB027) • Certification Standard (FNB028) • Certification Value (FNB029) Language-specific attribute

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Certification Effective Start Date	certificationEffectiveStartDate	certificationEffectiveStartDate	FNB066	D	DateTime		0 to 1 (in group "foodAndBevCertificationInfo" which allows 0 to many)	The date and time upon which the certification is effective.	All dependent attributes must be populated. Dependent attributes include: • Certification Agency (FNB027) • Certification Standard (FNB028) • Certification Value (FNB029)
Certification Effective End Date	certificationEffectiveEndDate	certificationEffectiveEndDate	FNB067	D	DateTime		0 to 1 (in group "foodAndBevCertificationInfo" which allows 0 to many)	The date and time upon which the certification expires	All dependent attributes must be populated. Dependent attributes include: • Certification Agency (FNB027) • Certification Standard (FNB028) • Certification Value (FNB029)
Manufacturer Preparation Type Code	manufacturerPreparationTypeCode	manufacturerPreparationTypeCode	FNB054	O	Text	1/60	0 to many	States how the product or a component of the product has been prepared during the manufacturing process	
Production Variant Description	productionVariantDescription	productionVariantDescription	FNB063	O	text	1/70	0 or 1	Free text assigned by the manufacturer to describe the production variant. Examples are: package serie X, package serie Y.	Map As Is

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Production Variant Effective Date	productionVariantEffectiveDate	productionVariantEffectiveDate	FNB064	O	date		0 or 1	The start date of a production variant. The variant applies to products having a date mark (a best before date or expiration date) on the package that comes on or after the effective date.	Map As Is
Nutrition Label Type Code	nutritionLabelTypeCode	nutritionLabelTypeCode	FNB065	O	VV	1/70	0 or More	Code indicating that the trade item is eligible for certain nutritional labeling programs according to a specific regulation	Map as is
PhysioChemical Characteristic Code	physioChemicalProperties/physioChemicalCharacteristicCode	physioChemicalCharacteristicCode	FNB068	O	VV	1/70	0 or 1	Code indicating the type of physiochemical characteristic.	All instances of Physiochemical group will map to new loop.
PhysioChemical Characteristic Value	physioChemicalProperties/physioChemicalCharacteristicValue	physioChemicalCharacteristicValue	FNB069	O	Decimal	15,15	0 or 1	Measurement value of the physicochemical characteristic.	All instances of Physiochemical group will map to new loop.
compulsoryAdditivesLabelInformation	compulsoryAdditivesLabelInformation	compulsoryAdditivesLabelInformation	FNB071	O	Text	1/1000	0 or More	A desciption of any compulsory label information on the product for the serving counter	

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
		nutritionalClaimCode		O				Code list reflecting the values of permitted nutritional claims of the EC and US (and any other known) regulations.	
nutritionalClaimCode	nutritionalClaimCode		FNB072		VV	1/70	0 or More		
Is Rind Edible?	isRindEdible	isRindEdible	FNB074	O				An indicator whether or not the cheese rind is edible. This can result in the rind no longer being edible.	
					VV	1/60	0 or 1		
Is Ripened In Rind?	isRipenedInRind	isRipenedInRind	FNB075	O				An indicator whether or not the cheese was ripened in the rind.	
					VV	1/60	0 or 1		
Is Homogenised?	isHomogenised	isHomogenised	FNB076	O				The indication whether or not the milk used was actively homogenised	
					VV	1/60	0 or 1		
Preservation Technique Code	preservationTechniqueCode	preservationTechniqueCode		O				Code value indicating the preservation technique used to preserve the product from deterioration.	
					VV	1/70	0 or More		Map as is

The row "GDSN CIN Food and Beverage Extension Attribute Map" spans the header within the table as a section subtitle.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Food and Beverage Extension Attribute Map									
Rennet Type Code	rennetTypeCode	rennetTypeCode		O	Text	1/35	0 or 1	The type of rennet used for coagulation.	Map as is

APPENDIX FR – FRENCH EXTENSION INFORMATION

This appendix has been designed to work in conjunction with the 1SYNC *IM Participant Dictionary* and the *Data Source GDSN Interoperability Guide* to provide the attribute information necessary to meet the requirements of the French Market sector. It provides a summary of the core 1SYNC IM trade item attributes required for data synchronization as well as all of the 2.8 French Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

2.7 French Extension General Requirements

ORGANIZATION SETUP

In order to receive the 2.8 French Extension, the following must be set up:
- No additional setup is required for an Information Provider (IP) to send data to a subscriber with the 2.8 French Extension. The IP must publish data to the Subscriber GLN that is configured at 1SYNC to receive the synchronized data via the extension.
- Data Pools and retailers that want to receive the 2.8 French extension attributes must have their Subscriber GLN configured at 1SYNC to receive the 2.8 French Extension. Contact Customer Support to request this setup.

SENDING THE 2.8 FRENCH EXTENSION ON A CIN MESSAGE

The 2.8 French CIN Extension should be implemented as optional for those data pools and retailers who are set up to receive it and the presence of any one or more of the attributes included in the 2.8 French Extension should be the trigger to invoke the extension logic. If the requirements of the extension are not met, the extension should not be formed and the CIN should be sent without the extension.

Attribute Mapping

EXTENSION INFORMATION

2.0.3 French Extension Schema Information

The GDSN 2.8 Schema used in the 1SYNC GDSN CIN will be hosted at GS1 France. The schema is hosted at the location specified in the namespace, which can be found in the Extension's beginning tag:

```
<fr:FRTradeItemInformation xmlns:fr="urn:gs1fr:align:extension_Fr:2.1.1" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:gs1fr:align:extension_Fr:2.1.1 http://www.gs1parangon.fr/2.7/schemas/extension_Fr/2.7/Extension_Fr.xsd">
```

1SYNC French CIN Extension Attribute Map

GDSN CIN - 2.0.3 French Extension Attribute Requirements

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map Extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic/Mapping Notes
French CIN Extension Attribute Map									
Incentive Unit Basis Information	incentiveUnitBasisInformation	incentiveUnitBasisTradeItemInformation/measurementValue/value	Additional Attribute TMX005 (incentiveUnitBasisInformation) Item/TargetMarketAttributes/AdditionalTextualItemInformation/Description	O	Decimal	1/15,15	0 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • Incentive Unit Basis Information (TMX005) • Incentive Unit Basis Information UOM (TMX006)
Incentive Unit Basis Information UOM	incentiveUnitBasisInformation/ UOM	incentiveUnitBasisTradeItemInformation/measurementValue	Additional Attribute TMX006 (incentiveUnitBasisInformationUOM) Item/TargetMarketAttributes/AdditionalTextualItemInformation/Description	D	String	1/3	0 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • Incentive Unit Basis Information (TMX005) • Incentive Unit Basis Information UOM (TMX006)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map Extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic/Mapping Notes
French CIN Extension Attribute Map									
Tax Agency Code	franceTaxAmounts/franceTaxAgencyCode	taxAgencyCode	TMX038	O	String	1/3	0 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • Tax Amount (TMX036) • Tax Amount Currency (TMX037) • France Tax Agency Code (TMX038) • Tax Type Code (TMX039) • Tax Type Description (TMX040)
Tax Amount	franceTaxAmounts/franceTaxAmount	tradeItemTaxAmount/taxAmount	TMX036	D	Decimal	1/17,4	0 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • Tax Amount (TMX036) • Tax Amount Currency (TMX037) • France Tax Agency Code (TMX038) • Tax Type Code (TMX039) • Tax Type Description (TMX040)

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map Extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic/Mapping Notes
French CIN Extension Attribute Map									
Tax Amount Currency	franceTaxAmounts/franceTaxAmountCURR	tradeItemTaxAmount/currencyCode/currencyISOCode	TMX037	D	String	1/3	0 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • Tax Amount (TMX036) • Tax Amount Currency (TMX037) • France Tax Agency Code (TMX038) • Tax Type Code (TMX039) • Tax Type Description (TMX040) Item Sync Error Response results if attribute does not meet length restrictions of 1 to 3 characters. Item Sync Error Response results if attribute value does not validate against ISO Currency List.
Tax Type Code	franceTaxAmounts/franceTaxTypeCode	taxTypeCode	TMX039	D	String	1/14	0 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • Tax Amount (TMX036) • Tax Amount Currency (TMX037) • France Tax Agency Code (TMX038) • Tax Type Code (TMX039) • Tax Type Description (TMX040)

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map Extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic/Mapping Notes
French CIN Extension Attribute Map									
Tax Type Description	franceTaxAmounts/franceTaxTypeDescription	taxTypeDescription	TMX040	D	String	1/35	1 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • Tax Amount (TMX036) • Tax Amount Currency (TMX037) • France Tax Agency Code (TMX038) • Tax Type Code (TMX039) • Tax Type Description (TMX040)
GLN Of Ship From Party	glnOfShipFromParty securityTagCommitDate	glnOfShipFromParty	TMX010	D	String	13/13	0 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • GLN of Ship From Party (TMX0010) • Name of Ship From Party (TMX011)
GLN Of Supplier	supplierInformation/glnOfSupplier	glnOfSupplier	TMX008	D	String	13/13	0 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • GLN of Supplier (TMX0008) • Name of Supplier (TMX009)
Unit Of Measure Used For Invoice Quantities	invoiceInfoUOMForInvoiceQuantities	invoicingUnitOfMeasure	TMX007	O	String	1/3	1 to many		Item Sync Error Response results if attribute value does not validate against EANUCC UOM List.
Is Trade Item a Bulk Item?	isTradeItemABulkItem	isTradeItemABulkItem	TMX021	M	Boolean		0 to 1		Defaulted to false if not populated.

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map Extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic/Mapping Notes
French CIN Extension Attribute Map									
Is Trade Item a Cut to Order Item?	isTradeItemACutToOrderItem	isTradeItemACutToOrderItem	TMX022	M	Boolean		0 to 1		Defaulted to false if not populated.
Is Trade Item a Divisible Item?	isTradeItemADivisibleItem	isTradeItemADivisibleItem	TMX023	O	Boolean		0 to 1		

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map Extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic/Mapping Notes
French CIN Extension Attribute Map									
Is Trade Item A Full Display Stand?	isTradeItemAFullDisplayStand	isTradeItemAFullDisplayStand	TMX018	M	Boolean		0 to 1		As of IM Release 6.6 (October 2010), this attribute is no longer mapped on the French Extension, though the attribute field still appears within the France Extension window in the IM User Interface (GUI). Any value provided for this attribute ('isTradeItemAFullDisplayStand') will map to the GDSN CIN attribute 'isTradeItemADisplayUnit', with the following exception: If this attribute and the 1SYNC attribute 'isTradeItemADisplayUnit' are both provided, the value for 1SYNC atribute 'isTradeItemADisplayUnit' will be mapped to the GDSN CIN attribute 'isTradeItemADisplayUnit', and the value populated for 'isTradeItemAFullDisplayStand' will NOT not be sent on the GDSN CIN message. If neither of these attributes are populated, a value of "UNSPECIFIED" will be populated by default on the GDSN CIN message for the GDSN CIN attribute 'isTradeItemADisplayUnit'.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map Extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic/Mapping Notes
French CIN Extension Attribute Map									
Is Trade Item A Model?	isTradeItemAModel	isTradeItemAModel	TMX015	M	Boolean		0 to 1		Defaulted to false if not populated.
Is Trade Item a Promotional Item	isTradeItemAPromotionalItem	isTradeItemAPromotionalItem	TMX026	M	Boolean		0 to 1		Defaulted to false if not populated.
Is Trade Item A Returnable Item?	isTradeItemAReturnableItem	isTradeItemAReturnableItem	TMX019	M	Boolean		0 to 1		Defaulted to false if not populated.
Name Of Ship From Party	nameOfShipFromParty	nameOfShipFromParty	TMX011	D	String	1/35	0 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • GLN of Ship From Party (TMX0010) • Name of Ship From Party (TMX011) If value is longer than 35 characters, it will be truncated to the first 35 characters.
Name Of Supplier	supplierInformation/nameOfSupplier	nameOfSupplier	TMX009	D	String	1/35	0 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • GLN of Supplier (TMX0008) • Name of Supplier (TMX009)
Variable Measure Trade Item Identification Number For Price	variableMeasureTradeItemIDNumForPrice	variableMeasureTradeItemIdentificationNumberForPrice	TMX332	O	String	7/7	0 to 1		

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map Extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic/Mapping Notes
French CIN Extension Attribute Map									
Variable Measure Trade Item Identification Number For Weight	variableMeasureTradeItemIDNumForWeight	variableMeasureTradeItemIdentificationNumberForWeight	TMX333	O	String	7/7	0 to 1		
MSDS Last Update Date	materialSafetyDataSheetLastUpdateDate	materialSafetyDataSheetLastUpdateDate	TMX334	D	Date		0 to 1		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • materialSafetyDataSheetLastUpdateDate (TMX334) • fdsFdr (TMX335)
FDS/FDR	fdsFdr	fdsFdr	TMX335	D	String	1/60	0 to 1		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • materialSafetyDataSheetLastUpdateDate (TMX334) • fdsFdr (TMX335) Please refer to *1SYNC IM Valid Values List* for valid values for this attribute.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map Extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic/Mapping Notes
French CIN Extension Attribute Map									
Additional Tax Agency Code	franceAdditional TaxAmounts/fra nceAdditionalTa xAgencyCode	taxAgencyCod e	TMX336	M	String	1/3	1 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • franceAdditionalTaxAgencyCode (TMX336) • franceAdditionalTaxTypeCode (TMX337)
Additional Tax Type Code	franceAdditional TaxAmounts/fra nceAdditionalTa xTypeCode	taxTypeCode	TMX337	M	String	1/14	1 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • franceAdditionalTaxAgencyCode (TMX336) • franceAdditionalTaxTypeCode (TMX337)
Additional Tax Type Description	franceAdditional TaxAmounts/fra nceAdditionalTa xTypeDescriptio n	taxTypeDescri ption	TMX338	O	String	1/35	0 to many		If blank, value will be defaulted to franceAdditionalTaxTypeCode (TMX337) Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • franceAdditionalTaxAgenc yCode (TMX336) • franceAdditionalTaxTypeC ode (TMX337)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map Extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic/Mapping Notes
French CIN Extension Attribute Map									
Additional VAT Tax Rate	franceAdditional TaxAmounts/fra nceAdditionalVA TTaxRate	taxRate	TMX339	M	Decimal	1/5,2	0 to many		
Additional VAT Tax Agency Code	franceAdditional TaxAmounts/fra nceAdditionalVA TTaxRate	taxAgency	TMX340	M	String	1/3	1 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • franceAdditionalVATTaxAg encyCode (TMX340) • franceAdditionalVATTaxTy peCode (TMX341)
Additional VAT Tax Type Code	franceAdditional TaxAmounts/fra nceAdditionalVA TTaxTypeCode	taxTypeCode	TMX341	M	String	1/14	0 to many		Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • franceAdditionalVATTaxAg encyCode (TMX340) • franceAdditionalVATTaxTy peCode (TMX341)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (where applicable)	M/O/D to map Extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic/Mapping Notes
French CIN Extension Attribute Map									
Additional VAT Tax Type Description	franceAdditionalTaxAmounts/franceAdditionalVATTaxTypeDescription	taxTypeDescription	TMX342	O	String	1/35	0 to many		If blank, value will be defaulted to franceAdditionalVATTaxTypeCode (TMX341) Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • franceAdditionalVATTaxAgencyCode (TMX340) • franceAdditionalVATTaxTypeCode (TMX341)

APPENDIX HLC – GDSN CIN HEALTHCARE EXTENSION INFORMATION

This documentation has been designed to work in conjunction with the 1SYNC *IM Participant Dictionary*, the *Data Source GDSN Interoperability Guide*, the *Data Source 1SYNC XML Guide,* the *Data Recipient 1SYNC XML Guide,* and the *1SYNC IM Valid Values List* documents to provide a summary of the core 1SYNC Item Management (IM) trade item attributes required for data synchronization, as well all of the Healthcare CIN Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

Sending the Healthcare Extension on a CIN Message

The Healthcare CIN Extension will be sent to customers that are configured at 1SYNC to receive the extension. The Healthcare CIN Extension is considered Optional – it will be sent to the retailer once the Retailer GLN is set up to receive the extension and will only be present on the CIN message if all of the conditions are met and all validations have been passed. As long as the attributes are present, and the retailer is set up to receive it, the Healthcare CIN Extension will be attempted to be attached to the core CIN message.

General Mapping Rules, Validations, and Resulting Responses

Listed below are the 1SYNC Item attributes mapped in the Healthcare CIN Extension with the applicable mapping logic. Also listed are potential error conditions resulting in a message or a failure as noted in the table below.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Healthcare Extension Attribute Map									
Does Trade Item Contain Human Blood Derivative?	doesTradeItemContainHumanBloodDerivative	doesTradeItemContainHumanBloodDerivative	HLC001	O	Text	1/60	0 to 1	The use of this attribute indicates that the trade item is a product that contains blood, blood components or blood products used in the manufacturing.	
Does Trade Item Contain Latex?	doesTradeItemContainLatex	doesTradeItemContainLatex	HLC002	O	Text	1/60	0 to 1	An indication that a trade item is made from or contains latex which refers generically to a stable dispersion (emulsion) of polymer microparticles in an aqueous medium.	
Is Trade Item Considered Generic?	isTradeItemConsideredGeneric	isTradeItemConsideredGeneric	HLC003	O	Text	1/60	0 to 1	An indication that the trade item is being produced by someone other than the Brand Innovator of the product. A value of no indicates that it is not considered a "Generic Substitution" of another product.	

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Healthcare Extension Attribute Map									
Is Trade Item Implantable?	isTradeItemImplantable	isTradeItemImplantable	HLC004	O	Text	1/60	0 to 1	Implantable devices are defined as devices that are partly or totally inserted into the human body, as determined by local regulations.	
Manufacturer Declared Reusability Type	manufacturerDeclaredReusabilityType	manufacturerDeclaredReusabilityType	HLC005	O	Text	1/60	0 to 1	Determines if the product is intended for single or multiple uses, including the number of validated cycles and the number of times a product can be used according to the manufacturer specifications.It is suggested that medical providers consult the device manufacturer's Instruction For Use (IFU) for full reusability instructions.	
Maximum Reusable Cycles	maximumCyclesReusable	maximumCyclesReusable	HLC006	O	integer	1/10	0 or 1	Maximum number of times this Trade Item can be reused.	
Maximum Reusable Days	maximumReusableDays	maximumReusableDays	HLC007	O	integer	1/10	0 or 1	Maximum number of days this product can be reused.	
Reuse Instructions	reuseInstructions	reuseInstructions	HLC008	O	text	1/1000	0 or 1	Additional instructions that advise the customer on the reusability limitations of this product.	
doesSaleOfTradeItemRequireGovernmentalReporting	doesSaleOfTradeItemRequireGovernmentalReporting	doesSaleOfTradeItemRequireGovernmentalReporting	HLC009	O	text	1/60	0 or 1	Indicates whether the government requires the reporting of sale of the trade item.	

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Healthcare Extension Attribute Map									
isTradeItemConsidered DopingProduct	isTradeItemConsidered DopingProduct	isTradeItemCo nsideredDopin gProduct	HLC010	O	text	1/60	0 or 1	Indicates that the product could be considered a doping substance which is a substance which is part of the list of prohibited substances, pharmaceutical products and methods yearly published by World Anti-Doping Agency.	
isTradeItemMarkedNoS hake	isTradeItemMarkedNoS hake	isTradeItemMa rkedNoShake	HLC011	O	text	1/60	0 or 1	ndicates that the trade item is marked to not be shaken during transport, storage, or use.	
mRICompatibilityCode	mRICompatibilityCode	mRICompatibili tyCode	HLC012	O	text	1/70	0 or 1	This is an identification of the compatibility of a trade item for use in the presence of a Magnetic Resonance Imaging (MRI) system.	
prescriptionTypeCode	prescriptionTypeCode	prescriptionTyp eCode	HLC013	O	text	1/70	0 or More	Providing a value to this code list indicates the type of prescription that is required. The prescription type may indicate that it is a product that can only be prescribed under the direction of a specialist such as an oncologist, dentist, or other specialist.	

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Healthcare Extension Attribute Map									
isTradeItemRequiredToRemainSterile	isTradeItemRequiredToRemainSterile	isTradeItemRequiredToRemainSterile	HLC014	O	text	1/60	0 or 1	An indication that the products sterile status must be maintained from the point in time of sterilization until point of administration.	
hlcOrderableReturnableConditionsCode	hlcOrderableReturnableConditionsCode	hlcOrderableReturnableConditionsCode	HLC015	O	text	1/70	0 or 1	A code that indicates if the trade item can be ordered and returned if non-sold.	If hlcLastReturnableDateTime is populated this becomes mandatory.
hlcLastReturnableDateTime	hlcLastReturnableDateTime	hlcLastReturnableDateTime	HLC016	O	datetime		0 or 1	The last date AND time when a non sold trade item must be received by the manufacturer to receive credit.	If populated hlcOrderableReturnableConditionsCode must be populated.
externalAgencyName	psychotropicSubstance/externalAgencyName	psychotropicSubstance/externalAgencyName	HLC017	D	text	200	0 or 1 (in group "psychotropicSubstance" which allows 0 to many)	The name of the agency that manages a code list external to GS1.	Required if psychotropicSubstance attributes are supplied.
externalCodeListName	psychotropicSubstance/externalCodeListName	psychotropicSubstance/externalCodeListName	HLC018	O	text	200	0 or 11 (in group "psychotropicSubstance" which allows 0 to many)	The name of the code list maintained by an agency external to GS1.	If populated, dependent attributes are required: • externalAgencyName • enumerationValue
externalCodeListVersion	psychotropicSubstance/externalCodeListVersion	psychotropicSubstance/externalCodeListVersion	HLC019	O	text	200	0 or 11 (in group "psychotropicSubstance" which allows 0 to many)	The version of the code list maintained by an agency external to GS1.	If populated, dependent attributes are required: • externalAgencyName • enumerationValue
enumerationValue	psychotropicSubstance/enumerationValueInformation/enumerationValue	psychotropicSubstance/enumerationValueInformation/enumerationValue	HLC020	D	text	200	0 or 1 (in group "enumerationValueInformation" which allows 0 to many)	Code List Value maintained by an external code list agency.	Required if psychotropicSubstance attributes are supplied.

GDSN CIN Healthcare Extension Attribute Map

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
enumerationValueDefinition	psychotropicSubstance/enumerationValueInformation/enumerationValueDefinition	psychotropicSubstance/enumerationValueInformation/enumerationValueDefinition	HLC021	O	text	1000	0 or More(in group "enumerationValueInformation" which allows 0 to many)	Definition of the code list value maintained by an external code list agency	If populated, dependent attributes are required: • externalAgencyName • enumerationValue
enumerationValueDescription	psychotropicSubstance/enumerationValueInformation/enumerationValueDescription	psychotropicSubstance/enumerationValueInformation/enumerationValueDescription	HLC023	O	text	1000	0 or More(in group "enumerationValueInformation" which allows 0 to many)	Description of the value in a code list value maintained by an external code list agency. This is primarily used when code list values are sequential numbers.	If populated, dependent attributes are required: • externalAgencyName • enumerationValue
externalAgencyName	routeOfAdministration/externalAgencyName	routeOfAdministration/externalAgencyName	HLC025	D	text	200	0 or 1(in group "routeOfAdministration" which allows 0 to many)	The name of the agency that manages a code list external to GS1.	Required if routOfAdministration attributes are supplied.
externalCodeListName	routeOfAdministration/externalCodeListName	routeOfAdministration/externalCodeListName	HLC026	O	text	200	0 or 1(in group "routeOfAdministration" which allows 0 to many)	The name of the code list maintained by an agency external to GS1.	If populated, dependent attributes are required: • externalAgencyName • enumerationValue
externalCodeListVersion	routeOfAdministration/externalCodeListVersion	routeOfAdministration/externalCodeListVersion	HLC027	O	text	200	0 or 1(in group "routeOfAdministration" which allows 0 to many)	The version of the code list maintained by an agency external to GS1.	If populated, dependent attributes are required: • externalAgencyName • enumerationValue
enumerationValue	routeOfAdministration/enumerationValueInformation/enumerationValue	routeOfAdministration/enumerationValueInformation/enumerationValue	HLC028	D	text	200	0 or 1(in group "enumerationValueInformation" which allows 0 to many)	Code List Value maintained by an external code list agency.	Required if routOfAdministration attributes are supplied.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Healthcare Extension Attribute Map									
enumerationValueDefinition	routeOfAdministration /enumerationValueInformation/enumerationValueDefinition	routeOfAdministration/enumerationValueInformation/enumerationValueDefinition	HLC029	O	text	1000	0 or More(in group "enumerationValueInformation" which allows 0 to many)	Definition of the code list value maintained by an external code list agency	If populated, dependent attributes are required: • externalAgencyName • enumerationValue
enumerationValueDescription	routeOfAdministration /enumerationValueInformation/enumerationValueDescription	routeOfAdministration/enumerationValueInformation/enumerationValueDescription	HLC031	O	text	1000	0 or More(in group "enumerationValueInformation" which allows 0 to many)	Description of the value in a code list value maintained by an external code list agency. This is primarily used when code list values are sequential numbers.	If populated, dependent attributes are required: • externalAgencyName • enumerationValue

APPENDIX MOV – GDSN MOVIE PUBLICATION CIN EXTENSION INFORMATION

This appendix has been designed to work in conjunction with the 1SYNC *IM Participant Dictionary*, the *Data Source GDSN Interoperability Guide*, *the Data Source 1SYNC XML Guide, the Data Recipient 1SYNC XML Guide, and the 1SYNC IM Valid Values List* documents to provide a summary of the core 1SYNC IM trade item attributes required for data synchronization, as well all of the Food and Beverage CIN Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

Sending the Movie Publication Extension on a CIN Message

The Movie Publication CIN Extension will be sent to customers that are configured at 1SYNC to receive the extension. The Movie Publication CIN Extension is considered Optional and will be sent to the Retailer once the Retailer GLN is setup to receive the extension and will only be present on the CIN message if all of the conditions are met and all validations have been passed.

The extension is considered Optional and will only be sent if the following trigger attributes are populated:

- moviePublicationTitle
- studioName

General Mapping Rules, Validations, and Resulting Responses

Listed below are the 1SYNC Item attributes mapped in the Movie Publication CIN Extension with the applicable mapping logic.
Also listed are potential error conditions resulting in a message or a failure as noted in the table below.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN Movie Publication CIN Extension Attribute Map									
Artist Name	artistName	artistName	ENT069	O	String	1/70	0 to many	Name of the recording artist.	
Asp Ratio Desc Code	aspectRatio/aspectRatioDescriptionCode	aspectRatioDescriptionCode	ENT033	D	String	1/60	0 to many	Textual description of the aspect ratio dimension.	All dependent attributes must be populated. Dependent attributes include: • aspectRatioDescriptionCode (ENT033) • aspectRatioDimensionCode (ENT034) See *1SYNC IM Valid Values List* document for Aspect Ratio Description Code valid values.
Asp Ratio Dim Code	aspectRatio/aspectRatioDimensionCode	aspectRatioDimensionCode	ENT034	D	String	1/60	0 to many	Measurements of the aspect ratio dimension. Width and Height.	All dependent attributes must be populated. Dependent attributes include: • aspectRatioDescriptionCode (ENT033) • aspectRatioDimensionCode (ENT034) See *1SYNC IM Valid Values List* document for Aspect Ratio Dimension Code valid values.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN Movie Publication CIN Extension Attribute Map									
Asst Producer Name	assistantProducerName	assistantProducerName	ENT071	O	String	1/70	0 to many	Name of the assistant movie producer of the movie (as distinguished from the executive producer).	
Audio Sound Type Code	audioSoundTypeCode	audioSoundTypeCode	ENT053	O	String	1/60	0 to many	The type of sound quality for the movie trade item.	See *1SYNC IM Valid Values List* document for Audio Sound Type valid values.
Award Information	awardInformation	awardInformation	ENT054	O	String	1/250	0 to 1	Textual list of awards earned by the title.	
Revenue - Domestic	boxOfficeRevenueDomestic	boxOfficeRevenueDomestic/monetaryAmount	ENT045	O	Decimal	1/14,2	0 to 1	Total amount of domestic box office revenue, expressed in local currency.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • boxOfficeRevenueDomestic (ENT045) • boxOfficeRevenueDomesticCurr (ENT046)
Revenue - Domestic Currency	boxOfficeRevenueDomesticCurr	boxOfficeRevenueDomestic/currencyCode/currencyISOCode	ENT046	D	String	1/3	0 to 1	The local currency associated with Box Office Revenue Domestic.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • boxOfficeRevenueDomestic (ENT045) • boxOfficeRevenueDomesticCurr (ENT046) See *1SYNC IM Valid Values List* document for Currency Code valid values.
First Week Rev - Domestic	boxOfficeRevenueFirstWeekDomestic	boxOfficeRevenueFirstWeekDomestic/monetaryAmount	ENT047	O	Decimal	1/14,2	0 to 1	Total amount of first week box office revenue, expressed in local currency.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • boxOfficeRevenueDomestic (ENT045) • boxOfficeRevenueDomesticCurr (ENT046)

GDSN Movie Publication CIN Extension Attribute Map

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
First Week Rev - Domestic Currency	boxOfficeRevenueFirstWeekDomesticCurr	boxOfficeRevenueFirstWeekDomestic/ currencyCode/currencyISOCode	ENT048	D	String	1/3	0 to 1	The local currency associated with Box Office Revenue First Week Domestic.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • boxOfficeRevenueDomestic (ENT045) • boxOfficeRevenueDomesticCurr (ENT046) See *1SYNC IM Valid Values List* document for Currency Code valid values.
Revenue - US	boxOfficeRevenueUS	boxOfficeRevenueUS/monetaryAmount	ENT049	O	Decimal	1/14,2	0 to 1	Total amount of United States Box office revenue, expressed in U.S. Dollars.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • boxOfficeRevenueUS (ENT049) • boxOfficeRevenueUSCurr (ENT050)
Revenue - US Currency	boxOfficeRevenueUSCurr	boxOfficeRevenueUS/currencyCode/currencyISOCode	ENT050	D	String	1/3	0 to 1	The local currency associated with Box Office Revenue US.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • boxOfficeRevenueUS (ENT049) • boxOfficeRevenueUSCurr (ENT050) See *1SYNC IM Valid Values List* document for Currency Code valid values.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN Movie Publication CIN Extension Attribute Map									
Revenue - Worldwide	boxOfficeRevenueWorldwideUSDollars	boxOfficeRevenueWorldwideUSDollars/ monetaryAmount	ENT051	O	Decimal	1/14,2	0 to 1	Total amount of worldwide Box Office Revenue, expressed in U.S. Dollars.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • boxOfficeRevenueWorldwideUSDollars (ENT051) • boxOfficeRevenueWorldwideUSDollarsCurr (ENT052)
Revenue - Worldwide Currency	boxOfficeRevenueWorldwideUSDollarsCurr	boxOfficeRevenueWorldwideUSDollars/ currencyCode/currencyISOCode	ENT052	D	String	1/3	0 to 1	The local currency associated with Box Office Revenue Worldwide US Dollars	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • boxOfficeRevenueWorldwideUSDollars (ENT051) • boxOfficeRevenueWorldwideUSDollarsCurr (ENT052) See *1SYNC IM Valid Values List* document for Currency Code valid values.
Bulk Price	bulkPrice	bulkPrice/monetaryAmount	ENT019	O	Decimal	1/38,15	0 to 1	Wholesale cost price per unit when purchasing a standard configuration.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • bulkPrice (ENT019) • bulkPriceCurr (ENT020)

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN Movie Publication CIN Extension Attribute Map									
Bulk Price Currency	bulkPriceCurr	bulkPrice/currencyCode/currencyISOCode	ENT020	D	String	1/3	0 to 1	The local currency associated with Bulk Price.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • bulkPrice (ENT019) • bulkPriceCurr (ENT020) See *1SYNC IM Valid Values List* document for Currency Code valid values.
Closed Captioning Code	closedCaptioningCode	closedCaptioningCode	ENT062	O	String	1/60	O to many	Does the movie contain "closed captions"?	
Director Name	directorName	directorName	ENT067	O	String	1/70	0 to many	Name of the director of the movie.	
Dubbed Language	dubbedLanguage	dubbedLanguage/languageISOCode	ENT065	O	String	1/60	0 to many	Spoken language track.	See *1SYNC IM Valid Values List* document for Language Code valid values.
Dubbed Subtitled Code	dubbedSubtitledCode	dubbedSubtitledCode	ENT064	O	String	1/60	0 to 1	Describes if the movie is dubbed, subtitled or both.	
DVD Region Code	dvdRegionCode	dvdRegionCode	ENT055	O	String	1/60	0 to 1	DVD region codes for which the title is available. There may be differing release dates associated with the different region codes.	
Feature Runtime Mins	featureRunTimeMinutes	featureRunTimeMinutes	ENT056	O	Integer	1/4	0 to 1	The run time of the movie. Does not include trailers or any promotional information. Expressed in minutes.	
Is Digital Download Available?	isDigitalDownloadAvailable	isDigitalDownloadAvailable	ENT040	M	Boolean		1	A Boolean (true/false) attribute indicating if the title is available in digital download format.	Item Sync Error Response results if attribute is not populated.
Is Revenue Share Eligible?	isEligibleForRevenueShare	isEligibleForRevenueShare	ENT044	M	Boolean		1	A Boolean (true/false) attribute indicating whether or not the title is available for revenue share.	Item Sync Error Response results if attribute is not populated.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN Movie Publication CIN Extension Attribute Map									
Last Update Date	lastManufacturerUpdateDateTime	lastManufacturerUpdateDateTime	ENT005	M	DateTime		1	Last date the manufacturer has made a change to the title information.	Item Sync Error Response results if attribute is not populated.
Last Return Date	lastReturnableDateTime	lastReturnableDateTime	ENT018	O	DateTime		0 to 1	Last day the trade item must be received by the manufacturer in order to receive credit.	
Long Synopsis	longSynopsis	longSynopsis	ENT057	O	String	1/4000	0 to 1	A long (up to 4000 character) description of the plot of the title.	
Loose Price	loosePrice	loosePrice/monetaryAmount	ENT021	O	Decimal	1/38,15	0 to 1	Wholesale cost price per unit when purchasing individual units that are not in a standard configuration.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • loosePrice (ENT021) • loosePriceCurr (ENT022)
Loose Price Currency	loosePriceCurr	loosePrice/currencyCode/currencyISOCode	ENT022	D	String	1/3	0 to 1	The local currency associated with Loose Price.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • loosePrice (ENT021) • loosePriceCurr (ENT022) See *1SYNC IM Valid Values List* document for Currency Code valid values.
Media Format Code	mediaFormatCode	mediaFormatCode	ENT043	M	String	1/60	1 to many	Identifies the type of media of the trade item.	

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN Movie Publication CIN Extension Attribute Map									
Min Adv Price	minimumAdvertisedPrice	minimumAdvertisedPrice/ tradeItemPrice/value	ENT023	O	Decimal	1/21,21	0 to 1	This is the minimum advertised price.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • minimumAdvertisedPrice (ENT023) • minimumAdvertisedPrice Curr (ENT024) • minimumAdvertisedPrice EffStartDate (ENT025)
Min Adv Price Currency	minimumAdvertisedPriceC urr	minimumAdvertisedPrice/ tradeItemPrice/currencyC ode/currency ISOCode	ENT024	D	String	1/3	0 to 1	The local currency associated with Minimum Advertised Price.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • minimumAdvertisedPrice (ENT023) • minimumAdvertisedPrice Curr (ENT024) • minimumAdvertisedPrice EffStartDate (ENT025) See *1SYNC IM Valid Values List* document for Currency Code valid values.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN Movie Publication CIN Extension Attribute Map									
Adv Price End Date	minimumAdvertisedPriceEffEndDate	minimumAdvertisedPrice/ effectiveEndDate	ENT026	O	Date		0 to 1	The effective end date of the price is optional based upon the agreement by the trading partners. If an invalid end date is communicated, then it is implied that the price and its effective date are effective until further notice. Examples of invalid dates include 99/99/9999, 00/00/0000, blank, etc. These invalid end dates should not be communicated. Various types of dates may be pre-aligned between buyer and seller.	If the attribute minimumAdvertisedPriceEffEndDate (ENT026) is populated, all of the following dependent attributes must also be populated or an Item Sync Error Response will result: • minimumAdvertisedPrice (ENT023) • minimumAdvertisedPriceCurr (ENT024) • minimumAdvertisedPriceEffStartDate (ENT025)
Adv Price Start Date	minimumAdvertisedPriceEffStartDate	minimumAdvertisedPrice/ effectiveStartDate	ENT025	D	Date		0 to 1	This is the effective start date of the price agreed to by the trading partners. This start date is mandatory and, if no end date is communicated, then implies that the price is effective until further notice. Various types of dates may be pre-aligned between buyer and seller.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • minimumAdvertisedPrice (ENT023) • minimumAdvertisedPriceCurr (ENT024) • minimumAdvertisedPriceEffStartDate (ENT025)
Movie Color Code	movieColourCode	movieColourCode	ENT058	O	String	1/60	0 to many	Identifies if the movie is in black and white, color or has been colorized.	See *1SYNC IM Valid Values List* document for Colour Code valid values.
Edition	movieEdition	movieEdition/text	ENT059	O	String	1/70	0 to 1	Specific version of the title.	Language-specific attribute.
Movie Title	moviePublicationTitle	moviePublicationTitle	ENT003	M	String	1/200	1	Complete title of the trade item.	Trigger Attribute – required.
Return Condition Code	orderableReturnableConditionsCode	orderableReturnableConditionsCode	ENT017	M	String	1/60	1	Indicates the conditions which determine if the store level trade item is orderable or returnable.	Item Sync Error Response results if attribute is not populated.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN Movie Publication CIN Extension Attribute Map									
Original Language	originalLanguage	originalLanguage/languageISOCode	ENT063	O	String	1/60	0 to 1	The language in which the movie is released. The language spoken on the screen.	See *1SYNC IM Valid Values List* document for Language Code valid values.
Pay Per View Window	payPerViewWindow	payPerView Window	ENT035	O	Integer	1/4	0 to 1	Number of days for Pay Per View Window.	
Preferred GTIN	preferredTradeItemGtin	preferredTradeItem/gtin	ENT010	O	String	14/14	0 to 1		Item Sync Error Response results if the data type is not a pattern of 14, characters consisting of only 0-9.
Producer Name	producerName	producerName	ENT072	O	String	1/70	0 to many	Name of the executive producer of the movie.	
Product Genre	productGenre	productGenre	ENT041	M	String	1/35	1 to many	The categorization of the music or movie trade item based upon the content and maintained for marketing and merchandising purposes.	Item Sync Error Response results if attribute is not populated.
Product Line	productLine	productLine/text	ENT042	O	String	1/70	0 to many by lang	The primary way a vendor separates or groups their product lines. Does not include Genre.	
Rating Content Description	ratingContentDescriptor	ratingContentDescriptor/text	ENT013	O	String	1/70	0 to many	Indicate elements in the trade item that may trigger a particular rating and/or may be of interest or concern to the consumer.	Language-specific attribute
Rental Street Date	rentalStreetDateTime	rentalStreetDateTime	ENT037	O	DateTime		0 to 1	First date the product can be rented.	
Re-release Date	rereleaseDateTime	rereleaseDateTime	ENT036	O	DateTime		0 to 1	Date upon which the title is re-released, using the same GTIN.	
Short Synopsis	shortSynopsis	shortSynopsis	ENT060	O	String	1/2250	0 to 1	A short (up to 2250 character) description of the plot of the title.	Language-specific attribute
Special Features	specialFeatures	specialFeatures/text	ENT061	O	String	1/70	0 to many	Special features contained in the trade item. That can be related to the disc number.	Language-specific attribute

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN Movie Publication CIN Extension Attribute Map									
Studio Name	studioName	studioName	ENT032	M	String	1/70	1 to many	Name of the movie studio.	Trigger Attribute – required.
Subtitled Language	subTitledLanguage	subtitledLanguage/languageISOCode	ENT066	O	String	1/60	0 to many	Indicates all languages for which subtitles are available.	See *1SYNC IM Valid Values List* document for Language Code valid values.
Talent Name	talentName	talentName	ENT073	O	String	1/70	0 to many	Name(s) of the talent in the movie.	
Theatrical Rel Date	theatricalReleaseDateTime	theatricalReleaseDateTime	ENT038	O	DateTime		0 to many	Date the product is released in theatres.	
Title Rating	titleRating	titleRating	ENT011	M	String	1/35	1 to many	A rating assigned to the title by a country, industry or volunteer organization that may be of interest or concern to the consumer.	Item Sync Error Response results if attribute is not populated.
Title Rating Entity	titleRatingEntity	titleRatingEntity	ENT012	M	String	1/35	1 to many	The name of the country, industry or volunteer organization that has rated the title and has provided the rating content descriptor.	Item Sync Error Response results if attribute is not populated.
Writer Name	writerName	writerName	ENT074	O	String	1/70	0 to many	Name of the writer(s) of the movie.	
Year of Production	yearOfProduction	yearOfProduction	ENT039	O	Integer	4/4	0 to 1	The year during which the movie was produced.	

APPENDIX MR – GDSN CIN MUSIC RECORDING EXTENSION INFORMATION

This appendix has been designed to work in conjunction with the *IM Participant Dictionary*, the *Data Source GDSN Interoperability Guide*, and the *1SYNC IM Valid Values List* to provide the attribute information necessary to meet the requirements of the Music Entertainment sector. It provides a summary of the core 1SYNC IM trade item attributes required for data synchronization, as well as all of the Music Recording Extension attributes.

Sending the Music Recording Extension on a CIN Message

If a retailer/interop partner is set up to receive the Music Recording Trade Item Extension, that retailer/interop will receive the extension ONLY if the manufacturer populates the trigger fields listed below, along with all other mandatory extension fields. The relevant validations must also be passed.

- labelName
- musicPublicationTitle
- parentalAdvisoryStickerCode

In the event that the information provider populates the trigger fields, but does not populate all the other mandatory fields or an extension-specific validation is not passed, the CIN will be sent without the extension data.

1SYNC GDSN CIN Music Recording Extension Attribute Map

MUSIC RECORDING EXTENSION ATTRIBUTE REQUIREMENTS FOR INFORMATION PROVIDER

Listed below are the 1SYNC Item attributes mapped in the Music Recording Extension with the applicable mapping logic.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Music Recording Extension Attribute Map									
Artist Name	artistName	artistName	ENT069	O	text	1/70,1	0 or more	Name of the recording artist.	
Bulk Price	bulkPrice	bulkPrice	ENT019	O	float	1/38,15	0 or 1	Wholesale cost price per unit when purchasing a standard configuration.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • bulkPrice (ENT069) • bulkPriceCurr (ENT019)
Bulk Price Currency	bulkPriceCurr	bulkPriceCurr	ENT020	D	text	1/3,1	1	The local currency associated with Bulk Price.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • bulkPrice (ENT069) • bulkPriceCurr (ENT019) See *1SYNC IM Valid Values List* document for Bulk Price Currency valid values.
Card Price Group ID	cardPriceGroupIdentifier	cardPriceGroupIdentifier	ENT086	O	text	1/6,1		Price grouping for retail schemes.	
Collection Name	collectionName	collectionName	ENT077	O	text	1/70,1	0 or 1	The name of a group of recordings.	

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Music Recording Extension Attribute Map									
Composer Name	composerName	composerName	ENT082	O	text	1/70,1	0 or more	Name of the person who writes a written piece of music.	
Digitization Level Code	digitalizationLevelCode	digitalizationLevelCode	ENT078	O	text	1/35,1	0 or 1	Determines the level of digitalization for a recording.	
Director Name	directorName	directorName	ENT067	O	text	1/70,1	0 or more	Name of the person who leads a musical ensemble.	
Disc Number	trackInformation/discNumber	discNumber	ENT087	O	integer	1/4,1	1	The number assigned to the music disc, based upon the total number of discs contained in the trade item.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • discNumber (ENT087) • trackNumber (ENT088) • trackTime (ENT089) • trackTitle (ENT090) Item Sync Error Response results if discNumber/trackNumber combination is not unique.
First Edition Date	firstEditionDate	firstEditionDate	ENT079	O	date		0 or 1	First date that a record is edited.	
Is Digital Download Available?	isDigitalDownloadAvailable	isDigitalDownloadAvailable	ENT040	O	boolean		1	A Boolean (true/false or 1/0) attribute indicating if the title is available in digital download format.	Item Sync Error Response results if attribute is not populated.
Label Name	labelName	labelName	ENT075	O	text	1/70,1	1 or more	Name of the music label.	Item Sync Error Response results if attribute is not populated.
Last Update Date	lastManufacturerUpdateDateTime	lastmanufacturerUpdateDateTime	ENT005	O	datetime		1	Last date the manufacturer has made a change to the title information.	Item Sync Error Response results if attribute is not populated.
Last Return Date	lastReturnableDateTime	lastReturnableDateTime	ENT018	O	datetime		0 or 1	Last day the trade item must be received by the manufacturer in order to receive credit.	

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IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Music Recording Extension Attribute Map									
Loose Price	loosePrice	loosePrice	ENT021	O	float	1/38,15	0 or 1	Wholesale cost price per unit when purchasing individual units that are not in a standard configuration.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • loosePrice (ENT021) • loosePriceCurr (ENT022)
Loose Price Currency	loosePriceCurr	loosePriceCurr	ENT022	D	text	1/3,1	1	The local currency associated with Loose Price.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • loosePrice (ENT021) • loosePriceCurr (ENT022) See *1SYNC IM Valid Values List* document for Loose Price Currency valid values.
Media Format Code	mediaFormatCode	mediaFormatCode	ENT043	O	text	1/60,1	1 or more	Identifies the type of media of the trade item.	Item Sync Error Response results if attribute is not populated. See *1SYNC IM Valid Values List* document for Media Format Code valid values.
Min Adv Price	minimumAdvertisedPrice	minimumAdvertisedPrice	ENT023	O	float	1/21,21	0 or 1	This is the minimum advertised price.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • minimumAdvertisedPrice (ENT023) • minimumAdvertisedPriceCurr (ENT024) • minimumAdvertisedPriceEffStartDate (ENT026)

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Music Recording Extension Attribute Map									
Min Adv Price Currency	minimumAdvertisedPriceCurr	minimumAdvertisedPriceCurr	ENT024	D	text	1/3,1	1	The local currency associated with Minimum Advertised Price.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • minimumAdvertisedPrice (ENT023) • minimumAdvertisedPriceCurr (ENT024) • minimumAdvertisedPriceEffStartDate (ENT026) See *1SYNC IM Valid Values List* document for Minimum Advertised Price Currency valid values.
Adv Price End Date	minimumAdvertisedPriceEffEndDate	minimumAdvertisedPriceEffEndDate	ENT026	O	date		0 or 1	The effective end date of the price is optional based upon the agreement by the trading partners. If an invalid end date is communicated, then it is implied that the price and its effective date are effective until further notice. Examples of invalid dates include 99/99/9999, 00/00/0000, blank, etc. These invalid end dates should not be communicated. Various types of dates may be pre-aligned between buyer and seller.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • minimumAdvertisedPrice (ENT023) • minimumAdvertisedPriceCurr (ENT024) • minimumAdvertisedPriceEffStartDate (ENT026)
Adv Price Start Date	minimumAdvertisedPriceEffStartDate	minimumAdvertisedPriceEffStartDate	ENT025	D	date		1	This is the effective start date of the price agreed to by the trading partners. This start date is mandatory and, if no end date is communicated, then implies that the price is effective until further notice. Various types of dates may be pre-aligned between buyer and seller.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • minimumAdvertisedPrice (ENT023) • minimumAdvertisedPriceCurr (ENT024) • minimumAdvertisedPriceEffStartDate (ENT026)

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Music Recording Extension Attribute Map									
Music Title	musicPublicationTitle	musicPublicationTitle	ENT001	O	text	1/200,1	1	Complete title of the trade item.	Item Sync Error Response results if attribute is not populated.
Rating Content Description	musicPublicationTitleRating/musicRatingContentDescriptor	musicRatingContentDescriptor	ENT016	O	text	1/70,1	0 or more	Indicate elements in the trade item that may trigger a particular rating and/or may be of interest or concern to the consumer.	
Track Artist Name	trackInformation/musicRecordingContentArtistName	musicRecordingContentArtistName	ENT070	O	text	1/70,1	0 or more		
Track Composer Name	trackInformation/musicRecordingContentComposerName	musicRecordingContentComposerName	ENT083	O	text	1/70,1	0 or more		
Track Director Name	trackInformation/musicRecordingContentDirectorName	musicRecordingContentDirectorName	ENT068	O	text	1/70,1	0 or more		
Track Orchestra Name	trackInformation/musicRecordingContentOrchestraName	musicRecordingContentOrchestraName	ENT085	O	text	1/70,1	0 or more		
Title Rating	musicPublicationTitleRating/musicTitleRating	musicTitleRating	ENT014	O	text	1/35,1	0 or 1	A rating assigned to the title by a country, industry or volunteer organization that may be of interest or concern to the consumer.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • musicTitleRating (ENT014) • musicTitleRatingEntity (ENT015)
Title Rating Entity	musicPublicationTitleRating/musicTitleRatingEntity	musicTitleRatingEntity	ENT015	O		1/35,1	0 or 1	The name of the country, industry or volunteer organization that has rated the title and has provided the rating content descriptor.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • musicTitleRating (ENT014) • musicTitleRatingEntity (ENT015)
Orchestra Name	orchestraName	orchestraName	ENT084	O		1/70,1	0 or more	Name of the group of musicians organized to perform the ensemble music piece.	

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Music Recording Extension Attribute Map									
Return Condition Code	orderableReturnableConditionsCode	orderableReturnableConditionsCode	ENT017	O		1/60,1	1	Indicates the conditions which determine if the store level trade item is orderable or returnable.	Item Sync Error Response results if attribute is not populated. **Suggested Values:** ACTIVE CUTOUT DELETED HOLD
Parental Adv Sticker Code	parentalAdvisoryStickerCode	parentalAdvisoryStickerCode	ENT076	O		1/60,1	1	Indicates if a parental advisory sticker is attached to the trade item.	Item Sync Error Response results if attribute is not populated. See *1SYNC IM Valid Values List* document for Parental Adv Sticker Code valid values.
Performance Type	performanceType	performanceType	ENT080	O		1/35,1	0 or 1	Free form text providing a description of the performance.	
Preferred GTIN	preferredTradeItemGtin	preferredTradeItemGtin	ENT010	O		14	1		Item Sync Error Response results if the data type is not a pattern of 14 characters consisting of only 0-9.
Product Genre	productGenre	productGenre	ENT041	O		1/35,1	1 or more	The categorization of the music or movie trade item based upon the content and maintained for marketing and merchandising purposes.	Item Sync Error Response results if attribute is not populated.
Product Line	productLine	productLine	ENT042	O		1/70,1	0 or more	The primary way a vendor separates or groups their product lines. Does not include Genre.	
Target Audience	targetAudience	targetAudience	ENT081	O		1/70,1	0 or 1	Free form text detailing listeners singled out as a group.	

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurre nce	Business Definition	Logic / Mapping Notes
GDSN CIN Music Recording Extension Attribute Map									
Track Number	trackInformation/trackNumber	trackNumber	ENT088	O		1/4,1	1	Number assigned to each individual music track on the trade item.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • discNumber (ENT087) • trackNumber (ENT088) • trackTime (ENT089) • trackTitle (ENT090) Item Sync Error Response results if discNumber/trackNumber combination is not unique.
Track Time	trackInformation/trackTime	trackTime	ENT089	O			1	The run time of each track, expressed in minutes and seconds.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • discNumber (ENT087) • trackNumber (ENT088) • trackTime (ENT089) • trackTitle (ENT090) (HH:MM:SS)
Track Title	trackInformation/trackTitle	trackTitle	ENT090	O		1/70,1	1	The title of the music track on the trade item.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • discNumber (ENT087) • trackNumber (ENT088) • trackTime (ENT089) • trackTitle (ENT090) English language is mapped by default, else first alphabetical language.

APPENDIX NGLU – GDSN NON GTIN LOGISTICAL UNIT CIN EXTENSION INFORMATION

This documentation has been designed to work in conjunction with the 1SYNC *IM Participant Dictionary*, the *Data Source GDSN Interoperability Guide*, the *Data Source 1SYNC XML Guide,* the *Data Recipient 1SYNC XML Guide,* and the *1SYNC IM Valid Values List* documents to provide a summary of the core 1SYNC Item Management (IM) trade item attributes required for data synchronization, as well all of the Non GTIN Logistical Unit CIN Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

Sending the Non GTIN Logistical Unit Extension on a CIN Message

The Non GTIN Logistical Unit CIN Extension will be sent to customers that are configured at 1SYNC to receive the extension. The Non GTIN Logistical Unit CIN Extension is considered Optional – it will be sent to the retailer once the Retailer GLN is set up to receive the extension and will only be present on the CIN message if all of the conditions are met and all validations have been passed. As long as the attributes are present, and the retailer is set up to receive it, the Non GTIN Logistical Unit CIN Extension will be attempted to be attached to the core CIN message.

The image shows the 1SYNC logo.

General Mapping Rules, Validations, and Resulting Responses

Listed below are the 1SYNC Item attributes mapped in the Non GTIN Logistical Unit CIN Extension with the applicable mapping logic. Also listed are potential error conditions resulting in a message or a failure as noted in the table below.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Non GTIN Logistical Unit Extension Attribute Map									
Logistical Unit Stacking Factor	logisticalUnitStackingFactor	logisticsUnitStackingFactor	NGU001	O	integer	1/9	0 to 1	The stacking factor of both the unit load (content) and the platform upon which the goods are carried, if there is one. A stacking factor deter-mines the maximum stacking for the product. Indicates the number of levels the product may be stacked.	If any of the Non-Logistical attributes are populated, all attributes within this extension become mandatory.
Logistical Unit Depth	logisticalUnitDepth	logisticsUnitWeightAndDimension/depth	NGU002	O	Decimal	38,15	0 to 1	The depth of both the unit load (content) and the plat-form upon which the goods are carried, if there is one. Depth is the measurement from front to back.	If any of the Non-Logistical attributes are populated, all attributes within this extension become mandatory.
Logistical Unit Depth UOM	logisticalUnitDepth/uom	logisticsUnitWeightAndDimension/depth unitOfMeasure	NGU003	D	Text	2/5	0 to 1	The UOM of the Logistical Unit Depth	If any of the Non-Logistical attributes are populated, all attributes within this extension become mandatory.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Non GTIN Logistical Unit Extension Attribute Map									
Logistical Unit Gross Weight	logisticalUnitGrossWeight	logisticsUnitWeightAndDimension/grossWeight	NGU004	O	Decimal	38,15	0 to 1	The weight of both the unit load (content) and the plat-form upon which the goods are carried, if there is one.	If any of the Non-Logistical attributes are populated, all attributes within this extension become mandatory except isNonGTINLogisticUnitPackedIrregularly
Logistical Unit Gross Weight UOM	logisticalUnitGrossWeight/uom	logisticsUnitWeightAndDimension/grossWeight unitOfMeasure	NGU005	D	Text	2/5	0 to 1	The UOM of the Logistical Unit Gross Weight	If any of the Non-Logistical attributes are populated, all attributes within this extension become mandatory except isNonGTINLogisticUnitPackedIrregularly
Logistical Unit Height	logisticalUnitHeight	logisticsUnitWeightAndDimension/height	NGU006	O	Decimal	38,15	0 to 1	This is the height of both the unit load (content) and the platform upon which the goods are carried, if there is one. Height is the vertical dimension from the lowest extremity to the highest extremity.	If any of the Non-Logistical attributes are populated, all attributes within this extension become mandatory except isNonGTINLogisticUnitPackedIrregularly For TM 528 (Netherlands) the height of a non-GTIN logistic unit (the field pallet height) can not exceed 2600 mm
Logistical Unit Height UOM	logisticalUnitHeight/uom	logisticsUnitWeightAndDimension/height unitOfMeasure	NGU007	D	Text	2/5	0 to 1	The UOM of the Logistical Unit Height	If any of the Non-Logistical attributes are populated, all attributes within this extension become mandatory except isNonGTINLogisticUnitPackedIrregularly
Logistical Unit Width	logisticalUnitWidth	logisticsUnitWeightAndDimension/width	NGU008	O	Decimal	38,15	0 to 1	The width of both the unit load (content) and the platform upon which the goods are carried, if there is one. Width is the measurement from left to right.	If any of the Non-Logistical attributes are populated, all attributes within this extension become mandatory except isNonGTINLogisticUnitPackedIrregularly

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Non GTIN Logistical Unit Extension Attribute Map									
Logistical Unit Width UOM	logisticalUnitWidth/uom	logisticsUnitWeightAndDimension/width unitOfMeasure	NGU009	D	Text	2/5	0 to 1	The UOM of the Logistical Unit Width	If any of the Non-Logistical attributes are populated, all attributes within this extension become mandatory except isNonGTINLogisticUnitPackedIrregularly
Is Non-GTIN Logistic Unit Packed Irregularly?	isNonGTINLogisticUnitPackedIrregularly	isNonGTINLogisticUnitPackedIrregularly	NGU010	O	VV	1/60	0 to 1	Indicates that the item is packed in a non-rectilinear pattern.	If any of the Non-Logistical attributes are populated, all attributes within this extension become mandatory except isNonGTINLogisticUnitPackedIrregularly Non-Binary Logic Codes

APPENDIX NTH – NETHERLANDS CIN EXTENSION INFORMATION

This appendix has been designed to work in conjunction with the *IM Participant Dictionary* and the *Data Source GDSN Interoperability Guide* to provide the attribute information necessary to meet the requirements of the Netherlands Market. It provides a summary of the core 1SYNC IM trade item attributes required for data synchronization as well as all of the Netherlands Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

Sending the Netherlands Extension on a CIN Message

The Netherlands Extension will be sent to Subscribers that are configured at 1SYNC to receive the extension. Once the Subscriber GLN is setup to receive the extension, the extension will **always** be present on the message.

If the Information Provider does not populate all required Netherlands Extension attributes, the message will not be created for that hierarchy and an Item Sync Response error will be created.

1SYNC Netherlands CIN Extension Attribute Map

NETHERLANDS EXTENSION ATTRIBUTE REQUIREMENTS FOR INFORMATION PROVIDER

Listed below are the 1SYNC Item attributes mapped in the Netherlands Extension with the applicable mapping logic.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									
Price Comparison Measurement	priceComparisonMeasurement	basePriceRelelvantNetContent	WRE05	**D**	Decimal	1/38,15	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Price Comparison Measurement Price Comparison Measurement UOM
Price Comparison Measurement UOM	priceComparisonMeasurementUOM	basePriceRelelvantNetContent @unitOfMeasure	WRE06	**D**	String	1/3	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Price Comparison Measurement Price Comparison Measurement UOM
Descriptive Size	productSize/descriptiveSize	clothingSize	U37	**O**	String	1/8	0 to 1		Value is not mapped if Data Type is incorrect. Value is truncated to 8.
Contact GLN	localGln	contactGLN	U420001	**O**	Integer	13/13	0 to 1		Value is mapped if Data Type and Length are correct, otherwise an Item Sync Response message is returned.
Country of Last Provenance	countryOfLastProvenance	countryOfLastProvenance	DAS002	**O**	String	2/2	0 to 1		Value is not mapped if Data Type and Length are incorrect. Valid Values based on ISO Standards. 2-character alpha codes are accepted by IM inbound and are converted to 3-digit numeric country codes outbound.
Customs Classification Code	customsClassificationCode	customsTariffNumber		**O**	String	11/11	0 to 1		Value is not mapped if Data Type and Length are incorrect.
Dangerous Goods Hazard Identification Number	dangerousGoodsHazardIdentificationNum	dangerousGoodsHazardIdentificationNumber	DAS003	**O**	String	1/3	0 to 1		Value is not mapped if Data Type and Length are incorrect.

Netherlands CIN Extension Attribute Map

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definiton	Logic / Mapping Notes
First Permitted Sales Date	firstPermittedSalesDate	firstPermittedSalesDate	DAS001	**O**	Date		0 to 1		Value is mapped only if it is in YYYY-MM-DD format or YYYY-MM-DDTHH:MM:SS:sss.
Item Name (Long)	itemNameLong	itemNameLong	DAS017	**O**	String	1/35	0 to 1		Value is not mapped if Data Type is incorrect. Value is truncated to 35.
Non GTIN Pallet Gross Weight	nonGTINPalletGrossWeight	palletGrossWeight		**O**	Decimal	1/7	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Non GTIN Pallet Gross Weight Non GTIN Pallet Gross Weight UOM
Non GTIN Pallet Gross Weight UOM	nonGTINPalletGrossWeightUOM	palletGrossWeight @unitOfMeasure		**D**	String	1/3	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Non GTIN Pallet Gross Weight Non GTIN Pallet Gross Weight UOM
Non GTIN Pallet Height	nonGTINPalletHeight	palletLoadingHeight		**O**	Decimal	1/5	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Non GTIN Pallet Height Non GTIN Pallet Height UOM
Non GTIN Pallet Height UOM	nonGTINPalletHeightUOM	palletLoadingHeight @unitOfMeasure		**D**	String	1/3	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Non GTIN Pallet Height Non GTIN Pallet Height UOM
Percentage of Alcohol per Volume	percentageOfAlcoholPerVolume	percentageOfAlcohol		**D**	Decimal	1/38,15	0 to 1		Value is not mapped if Data Type and Length are incorrect. Value must be between 0-100. For Target Market=nl, value must be provided for list of GPC codes provided in Appendix C of this document.
Pharmaceutical Registration Number	pharmaceuticalRegistrationNumber	pharmaceuticalRegistrationNumber	DAS007	**O**	String	1/30	0 to 1		Value is not mapped if Data Type and Length are incorrect.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									
Product PLU Description	productPLU	pluDescription		O	String	1/12	0 to 1		Value is not mapped if Data Type and Length are incorrect.
Minimum Product Lifespan	minProductLife Span	minimumTrade ItemLifespanFr omTimeOfProd uction		O	Integer	1/3	0 to 1		Value is mapped if present. Value should be expressed in number of "Days." Dependent attributes include: Minimum Product Lifespan Minimum Product Lifespan UOM (defaulted to "Days")
[Minimum Product Lifespan UOM]	N/A	shelfLifePeriod MinimumDura bilityFromProd uction @unitOfMeasu re		D	String	1/3	0 to 1		Attribute value is defaulted to "Days." Dependent attributes include: Minimum Product Lifespan Minimum Product Lifespan UOM (defaulted to "Days")
List Price	listPrice	cataloguePrice		O	Decimal	1/38,15	0 to 1		Value is not mapped if all of the dependent attributes are not populated: List Price List Price Currency List Price Effective Start Date
List Price Currency	listPriceCurren cy	cataloguePrice @ currencyISOCo de		D	String	3/3	0 to 1		Value is not mapped if all of the dependent attributes are not populated: List Price List Price Currency List Price Effective Start Date
Catalogue Price Basis	cataloguePrice Basis	cataloguePrice Basis		O	Integer	1/2	0 to 1		This attribute will not be mapped unless the following attributes are also populated: List Price List Price Currency List Price Effective Start Date Catalogue Price Basis UOM This attribute will not be mapped if value is not between 1 and 99.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									
Catalogue Price Basis Unit Of Measure	cataloguePrice BasisUnitOfMe asure	cataloguePrice Basis @ unitOfMeasure		D	String	1/3	0 to 1		This attribute will not be mapped unless the following attributes are also populated: • List Price • List Price Currency • List Price Effective Start Date • Catalogue Price Basis This attribute will not be mapped if the value of Catalogue Price Basis is not between 1 and 99.
List Price Effective Start Date	cataloguePrice EffectiveStartD ate	startValidityDa teForCatalogue Price	WRE01	D	Date		0 to 1		Value is not mapped if all of the dependent attributes are not populated: • List Price • List Price Currency • List Price Effective Start Date Value is mapped only if it is in: YYYY-MM-DD format or YYYY-MM-DDTHH:MM:SS:sss Otherwise an Item Sync Response message is returned.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									
List Price Effective End Date	cataloguePrice EffectiveEndDa te	endValidityDat eForCatalogue Price	WRE02	**O**	Date		0 to 1		This attribute will not be mapped unless the following attributes are also populated: List Price List Price Currency List Price Effective Start Date Value is mapped only if it is in: YYYY-MM-DD format or YYYY-MM-DDTHH:MM:SS:sss. Otherwise an Item Sync Response message is returned.
Returnable Package Deposit Code	returnablePack ageDepositCod e	gtinOfReturna bleAsset	WRE12	**O**	Integer	14/14	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Returnable Package Deposit Code Returnable Package Deposit Amount Returnable Package Deposit Currency
Returnable Package Deposit Amount	returnablePack ageDepositAm ount	depositAmount	WRE13	**D**	Decima l	1/38,1 5	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Returnable Package Deposit Code Returnable Package Deposit Amount Returnable Package Deposit Currency
Returnable Package Deposit Currency	returnablePack ageDepositAm ountCurr	depositAmount @currencyISO Code	WRE14	**D**	String	3/3	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Returnable Package Deposit Code Returnable Package Deposit Amount Returnable Package Deposit Currency

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									
Fat Content	fatContent	fatInDryMatter		D	Decimal	1/38,15	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Fat Content Fat Content UOM Fat Content Basis Fat Content Basis UOM Fat Content value must be between 0-100.
Fat Content UOM	fatContent UOM	fatInDryMatter @unitOfMeasu re		D	String	1/3	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Fat Content Fat Content UOM Fat Content Basis Fat Content Basis UOM
Fat Content Basis	fatContentBasi sOfMeasure	fatInDryMatter Basis		D	String	1/3	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Fat Content Fat Content UOM Fat Content Basis Fat Content Basis UOM
Fat Content Basis UOM	fatContentBasi sOfMeasureUO M	fatInDryMatter Basis @unitOfMeasu re		D	String	1/3	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Fat Content Fat Content UOM Fat Content Basis Fat Content Basis UOM

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									
Handling Instruction Code and/or Product Handling Instruction 2	handlingInstCode and/or handlingInstruction	handlingInstruction	Product Handling Instruction and/or Additional Attribute DAS016 (Product Handling Instruction 2)	O	String	1/3	0 to 2	Product Handling Instruction and/or Additional Attribute DAS016 (Product Handling Instruction 2)	Value is not mapped if Data Type and Length are incorrect. Value is pulled from Product Handling Instruction and/or Additional Attribute DAS016. Can loop up to two times.

Levying Kind 1
 	
Levying Kind 2
	levyingInformation/levyingKind1
	
	levyingInformation2/levyingKind2
		levyingKind	DAS008
			
			DAS012
				O	String	1/3	0 to 2		Value is not mapped if all of the dependent attributes are not populated:
									  Levying Kind 1 (DAS008)
									  Levying Class 1 (DAS009)
									  Levying Amount 1 (DAS010)
									  Levying Amount Currency (DAS011)
									
									and/or
									
									Value is not mapped if all of the dependent attributes are not populated:
									  Levying Kind 2 (DAS012)
									  Levying Class 2 (DAS013)
									  Levying Amount 2 (DAS014)
									  Levying Amount Currency 2
									    (DAS015)
									
									Values are pulled from Levying Kind 1 (full dependent set, DAS008-DAS011) and/or Levying Kind 2 (full dependent set, DAS012-DAS015). Can loop up to two times.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									

Levying Class 1
 	
Levying Class 2
	levyingInformation/levyingClass1
	
	levyingInformation2/levyingClass2
		levyingClass	DAS009
			
			DAS013
				D	String	1/3	0 to 2		Value is not mapped if all of the dependent attributes are not populated:
									  Levying Kind 1 (DAS008)
									  Levying Class 1 (DAS009)
									  Levying Amount 1 (DAS010)
									  Levying Amount Currency (DAS011)
									
									and/or
									
									Value is not mapped if all of the dependent attributes are not populated:
									  Levying Kind 2 (DAS012)
									  Levying Class 2 (DAS013)
									  Levying Amount 2 (DAS014)
									  Levying Amount Currency 2
									    (DAS015)
									
									Values are pulled from Levying Kind 1 (full dependent set, DAS008-DAS011) and/or Levying Kind 2 (full dependent set, DAS012-DAS015). Can loop up to two times.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									

Levying Amount 1
 	
Levying Amount 2
	levyingInformation/levyingAmount1
	
	levyingInformation2/levyingAmount2
		levyingAmount	DAS010
			
			DAS014
				D	Decimal	1/38,15	0 to 2		Value is not mapped if all of the dependent attributes are not populated:
									  Levying Kind 1 (DAS008)
									  Levying Class 1 (DAS009)
									  Levying Amount 1 (DAS010)
									  Levying Amount Currency (DAS011)
									
									and/or
									
									Value is not mapped if all of the dependent attributes are not populated:
									  Levying Kind 2 (DAS012)
									  Levying Class 2 (DAS013)
									  Levying Amount 2 (DAS014)
									  Levying Amount Currency 2
									    (DAS015)
									
									Values are pulled from Levying Kind 1 (full dependent set, DAS008-DAS011) and/or Levying Kind 2 (full dependent set, DAS012-DAS015). Can loop up to two times.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									

Levying Amount Currency
 	
Levying Amount Currency 2
	levyingInformation/levyingAmount1CURR
	
	levyingInformation2/levyingAmount2CURR
		levyingAmount@currencyISOCode	DAS011
			
			DAS015
				D	String	3/3	0 to 2		Value is not mapped if all of the dependent attributes are not populated:
									  Levying Kind 1 (DAS008)
									  Levying Class 1 (DAS009)
									  Levying Amount 1 (DAS010)
									  Levying Amount Currency (DAS011)
									
									and/or
									
									Value is not mapped if all of the dependent attributes are not populated:
									  Levying Kind 2 (DAS012)
									  Levying Class 2 (DAS013)
									  Levying Amount 2 (DAS014)
									  Levying Amount Currency 2
									    (DAS015)
									
									Values are pulled from Levying Kind 1 (full dependent set, DAS008-DAS011) and/or Levying Kind 2 (full dependent set, DAS012-DAS015). Can loop up to two times.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									
Packaging Material Code Packaging Material Code 2	matInfocode packagingMaterials/packagingMaterialCode2	packagingMaterialCode	Packaging Material Code and/or Additional Attribute DAS004 (Packaging Material Code)	**O**	String	1/2	0 to 2	Packaging Material Code and/or Additional Attribute DAS004 (Packaging Material Code)	Value is not mapped if all of the dependent attributes are not populated: Packaging Material Code Packaging Material Composition Packaging Material Composition UOM and/or Value is not mapped if all of the dependent attributes are not populated: Packaging Material Code 2 (DAS004) Packaging Material Weight 2 (DAS005) Packaging Material Weight UOM 2 (DAS006) Values are pulled from Core Attributes (full dependent set) and/or Additional Attributes (full dependent set, DAS004-DAS006). Can loop up to two times.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									
Packaging Material Composition

Packaging Material Weight 2 | packagingMatComposition

packagingMaterials/packagingMaterialWeight 2 | packagingMaterialWeight | Packaging Material Composition

and/or

DAS005 | **D** | Decimal | 1/7 | 0 to 2 | | Value is not mapped if all of the dependent attributes are not populated:
 Packaging Material Code
 Packaging Material Composition
 Packaging Material Composition UOM

and/or

Value is not mapped if all of the dependent attributes are not populated:
 Packaging Material Code 2 (DAS004)
 Packaging Material Weight 2 (DAS005)
 Packaging Material Weight UOM 2 (DAS006)

  Values are pulled from Core Attributes (full dependent set) and/or Additional Attributes (full dependent set, DAS004-DAS006). Can loop up to two times. |

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									

Packaging Material Composition UOM
 	
Packaging Material Weight UOM 2
	packagingMatCompositionUOM
	
	packagingMaterialWeightUOM 2
		packagingMaterialWeight @unitOfMeasure	Packaging Material Composition UOM
			
			DAS006
				M	String	1/3	0 to 2		Value is not mapped if all of the dependent attributes are not populated:
									  Packaging Material Code
									  Packaging Material Composition
									  Packaging Material Composition UOM
									
									and/or
									
									Value is not mapped if all of the dependent attributes are not populated:
									  Packaging Material Code 2 (DAS004)
									  Packaging Material Weight 2 (DAS005)
									  Packaging Material Weight UOM 2 (DAS006)
									
									Values are pulled from Core Attributes (full dependent set) and/or Additional Attributes (full dependent set, DAS004-DAS006). Can loop up to two times.

Suggested Retail Price	suggestedRetailPrice	recommended salesPrice		**O**	Decimal	1/38,15	0 to 1		Value is not mapped if all of the dependent attributes are not populated:
									  Suggested Retail Price
									  Suggested Retail Price Currency
									  Suggested Retail Price Effective Start Date

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									
Suggested Retail Price Currency	suggestedRetailPriceCurrency	recommended salesPrice @ currencyISOCode		D	String	3/3	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Suggested Retail Price Suggested Retail Price Currency Suggested Retail Price Effective Start Date
Suggested Retail Price Basis Per Unit	suggestedRetailPriceBasisPerUnit	recommended SalesPriceBasis		O	Integer	1/2	0 to 1		This attribute will not be mapped unless the following attributes are also populated: Suggested Retail Price Suggested Retail Price Currency Suggested Retail Price Effective Start Date Suggested Retail Price Basis Per Unit UOM This attribute will not be mapped if value is not between 1 and 99.
Suggested Retail Price Basis Per Unit UOM	suggestedRetailPriceBasisPerUnitUOM	recommended SalesPriceBasis @ unitOfMeasure		D	String	1/3	0 to 1		This attribute will not be mapped unless the following attributes are also populated: Suggested Retail Price Suggested Retail Price Currency Suggested Retail Price Effective Start Date Suggested Retail Price Basis Per Unit This attribute will not be mapped if the value of Suggested Retail Price Basis Per Unit is not between 1 and 99.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									

Suggested Retail Price Effective Start Date	suggestedRetailPriceEffectiveStartDate	startValidityDateForSalesPrice	WRE03	**D**	Date		0 to 1		Value is not mapped if all of the dependent attributes are not populated:
									  Suggested Retail Price
									  Suggested Retail Price Currency
									  Suggested Retail Price Effective Start Date
									
									Value is mapped only if it is in:
									YYYY-MM-DD format
									   or
									YYYY-MM-DDTHH:MM:SS:sss.
									Otherwise an Item Sync Response message is returned.

Suggested Retail Price Effective End Date	suggestedRetailPriceEffectiveEnd	endValidityDateForSalesPrice	WRE04	**O**	Date		0 to 1		This attribute will not be mapped unless the following attributes are also populated:
									  Suggested Retail Price
									  Suggested Retail Price Currency
									  • Suggested Retail Price Effective Start Date
									
									Value is mapped only if it is in:
									YYYY-MM-DD format
									   or
									YYYY-MM-DDTHH:MM:SS:sss.
									Otherwise an Item Sync Response message is returned.
									
									Value is not mapped, if not present.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurr ence	Business Definiton	Logic / Mapping Notes
Netherlands CIN Extension Attribute Map									
Returnable Package Deposit Code	returnablePackageDepositCode	returnableTradeItemSortingAllowance/gtinOfReturnableAsset	WRE12	**O**	Integer	14/14	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Returnable Package Deposit Code Returnable Trade Item Sorting Allowance Returnable Trade Item Sorting Allowance Currency
Returnable Trade Item Sorting Allowance	sortingAllowance	sortingAllowance	DAS018	**D**	Integer	1/38,15	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Returnable Package Deposit Code Returnable Trade Item Sorting Allowance Returnable Trade Item Sorting Allowance Currency
Returnable Trade Item Sorting Allowance Currency	sortingAllowanceCurr	sortingAllowance @currencyISOCode	DAS019	**D**	String	3/3	0 to 1		Value is not mapped if all of the dependent attributes are not populated: Returnable Package Deposit Code Returnable Trade Item Sorting Allowance Returnable Trade Item Sorting Allowance Currency

1SYNC ADDITIONAL ATTRIBUTES SUPPORTED FOR NETHERLANDS EXTENSION

Qualifier	Dutch Description	English Description
DAS001	Eerst toegestane verkoopdatum (JJJJMMDD)	First Permitted Sales Date
DAS002	Land van laatste herkomst	Country Of Last Provenance
DAS003	Gevaarlijke goederen gevaar identificatienummer	Dangerous Goods Hazard Identification Number
DAS004	Verpakkingsmateriaalcode 2	Packaging Material Code
DAS005	Verpakkingsmateriaal gewicht 2	Packaging Material Weight 2
DAS006	Eenheid Verpakkingsmateriaalgewicht 2	Packaging Material Weight UOM 2
DAS007	Farmaceutisch registratienummer	Pharmaceutical Registration Number
DAS008	Heffingssoort 1	Levying Kind 1
DAS009	Heffingsklasse 1	Levying Class 1
DAS010	Heffingsbedrag 1	Levying Amount 1
DAS011	Munteenheid heffingsbedrag 1	Levying Amount Currency 1
DAS012	Heffingssoort 2	Levying Kind 2
DAS013	Heffingsklasse 2	Levying Class 2
DAS014	Heffingsbedrag 2	Levying Amount 2
DAS015	Munteenheid heffingsbedrag 2	Levying Amount Currency 2
DAS016	Instructie productbehandeling 2	Product Handling Instruction 2

Qualifier	Dutch Description	English Description
DAS017	Lange itemnaam	Item Name (Long)
DAS018	Ret. Handelsitem sorteervergunning	Returnable Trade Item Sorting Allowance
DAS019	Ret. Handelsitem sorteervergunning	Returnable Trade Item Sorting Allowance Currency
WRE01	Startdatum lijstprijs effectief (JJJJ-MM-DD) (WRE01)	List Price Effective Start Date
WRE02	Einddatum lijstprijs effectief (JJJJ-MM-DD) (WRE02)	List Price Effective End Date
WRE03	Aanbevolen Retailprijs startdatum (JJJJ-MM-DD) (WRE03)	Suggested Retail Price Effective Start Date
WRE04	Aanbevolen Retailprijs einddatum (JJJJ-MM-DD) (WRE04)	Suggested Retail Price Effective End Date
WRE05	Prijsvergelijkingsmeting (WRE05)	Price Comparison Measurement
WRE06	Eenheid Prijsvergelijkingsmeting (WRE06)	Price Comparison Measurement UOM
WRE12	Code Waarborgsom retourneerbare Verpakking (WRE12)	Returnable Package Deposit Code
WRE13	Bedrag Waarborgsom retourneerbare Verpakking (WRE13)	Returnable Package Deposit Amount
WRE14	Valuta Emballage Waarde (WRE14)	Returnable Package Deposit Currency
WRE23	Minimum levensduur vanaf aankomsttijd (WRE23)	Minimum Trade Item Life Span From Time of Arrival
U37	Maatomschrijving (U37)	Descriptive Size
U420001	Lokale GLN (U420001)	Contact GLN

GPC CODES IMPACTED BY "PERCENTAGE OF ALCOHOL BY VOLUME" VALIDATION FOR NETHERLANDS TARGET MARKET

GPC (BRICK) Code	GPC Code DESCRIPTION
10000589	Alcoholic Cordials/Syrups
10000144	Alcoholic Pre-mixed Drinks
10000159	Beer
10000181	Cider/Perry
10000227	Liqueurs
10003689	Non Grape Fermented Alcoholic Beverages – Sparkling
10000588	Non Grape Fermented Alcoholic Beverages – Still
10000263	Spirits
10000273	Wine – Fortified
10000275	Wine – Sparkling
10000276	Wine – Still

SHELF LIFE FOR CBL/GPC CATEGORIES

Please note that all products with the any of the following list of CBL or GPC codes that apply to shelf life must have the 'Min Product Lifespan from Arrival' attribute populated in order to pass validation.

Category Scheme	Category Code
CBL	1010505
CBL	1010510
CBL	1010512
CBL	1010515
CBL	1010520
CBL	1010525
CBL	1010530
CBL	1011005
CBL	1011010

Category Scheme	Category Code
CBL	1011505
CBL	1011510
CBL	1011515
CBL	1011520
CBL	1012005
CBL	1012010
CBL	1012505
CBL	1012510
CBL	1012515
CBL	1013005
CBL	1013010
CBL	1013015
CBL	1013020
CBL	1013025
CBL	1013030
CBL	1013035
CBL	1013040
CBL	1013045
CBL	1013050
CBL	1013055
CBL	1013060
CBL	1013065
CBL	1013506
CBL	1013511
CBL	1013513
CBL	1013515
CBL	1013520
CBL	1013522
CBL	1013525
CBL	1013530
CBL	1013535
CBL	1014005
CBL	1014010

Category Scheme	Category Code
CBL	1014015
CBL	1014020
CBL	1014025
CBL	1014030
CBL	1014035
CBL	1014040
CBL	1014045
CBL	1014050
CBL	1014505
CBL	1014510
CBL	1015005
CBL	1015010
CBL	1015015
CBL	1015020
CBL	1015505
CBL	1015510
CBL	1015520
CBL	1015525
CBL	1016010
CBL	1016015
CBL	1016020
CBL	1016025
CBL	1016105
CBL	1016110
CBL	1016115
CBL	1016120
CBL	1016205
CBL	1016210
CBL	1016215
CBL	1016220
CBL	1016505
CBL	1016510
CBL	1016515

Category Scheme	Category Code
CBL	1016520
CBL	1016530
CBL	1017005
CBL	1017010
CBL	1017015
CBL	1018002
CBL	1018003
CBL	1018004
CBL	1018005
CBL	1018010
CBL	1018015
CBL	1018020
CBL	1018025
CBL	1018030
CBL	1018035
CBL	1022005
CBL	1022010
CBL	1026525
CBL	1028020
CBL	1110505
CBL	1111005
CBL	1111010
CBL	1111015
CBL	1111020
CBL	1111025
CBL	1111030
CBL	1120505
CBL	1121005
CBL	1121010
CBL	1121505
CBL	1121510
CBL	1121515
CBL	1121520

Category Scheme	Category Code
CBL	1122005
CBL	1122010
CBL	1122015
CBL	1122020
CBL	1122025
CBL	1122030
CBL	1122035
CBL	1122505
CBL	1122510
CBL	1122515
CBL	1122520
CBL	1122525
CBL	1122535
CBL	1130505
CBL	1130510
CBL	1131005
CBL	1131010
CBL	1131020
CBL	1220505
CBL	1221005
CBL	1221020
CBL	1221505
CBL	1222005
CBL	1222505
CBL	1222515
CBL	1310505
CBL	1311005
CBL	1311010
CBL	1311015
CBL	1311020
CBL	1311030
CBL	1311035
CBL	1311505

Category Scheme	Category Code
CBL	1311510
CBL	1320505
CBL	1320510
CBL	1321005
CBL	1321010
CBL	1321020
CBL	1321505
CBL	1321510
CBL	1321515
CBL	1321520
CBL	1321525
CBL	1321530
CBL	1321535
CBL	1322005
CBL	1322010
CBL	1322015
CBL	1322020
CBL	1322025
CBL	1322030
CBL	1322035
CBL	1322040
CBL	1330505
CBL	1330510
CBL	1331005
CBL	1331010
CBL	1331015
CBL	1331020
CBL	1410505
CBL	1410510
CBL	1410515
CBL	1410520
CBL	1410525
CBL	1410530

Category Scheme	Category Code
CBL	1420505
CBL	1420506
CBL	1420510
CBL	1420511
CBL	1420515
CBL	1420520
CBL	1420525
CBL	1420530
CBL	1420535
CBL	1420540
CBL	1420545
CBL	1420550
CBL	1420551
CBL	1421005
CBL	1421006
CBL	1421010
CBL	1421011
CBL	1421015
CBL	1421020
CBL	1421505
CBL	1421510
CBL	1430505
CBL	1430510
CBL	1430515
CBL	1430520
CBL	1431005
CBL	1431015
CBL	1431020
CBL	1431025
CBL	1431030
CBL	1510505
CBL	1520505
CBL	1520510

Category Scheme	Category Code
CBL	1520515
CBL	1520520
CBL	1520525
CBL	1520530
CBL	1520535
CBL	1520540
CBL	1521005
CBL	1521015
CBL	1521020
CBL	1521025
CBL	1521030
CBL	1521035
CBL	1521040
CBL	1521505
CBL	1521510
CBL	1521515
CBL	1521520
CBL	1521525
CBL	1521530
CBL	1521535
CBL	1522005
CBL	1522010
CBL	1522015
CBL	1522020
CBL	1610505
CBL	1610510
CBL	1610515
CBL	1620505
CBL	1620510
CBL	1620515
CBL	1621005
CBL	1621505
CBL	1621510

Category Scheme	Category Code
CBL	1621515
CBL	1622005
CBL	1630505
CBL	1630510
CBL	1630515
CBL	1631005
CBL	1710505
CBL	1710510
CBL	1710515
CBL	1711005
CBL	1711010
CBL	1711015
CBL	1711020
CBL	1711025
CBL	1720505
CBL	1720510
CBL	1720515
CBL	1720520
CBL	1720530
CBL	1721005
CBL	1721010
CBL	1721015
CBL	1721020
CBL	1721300
CBL	1721315
CBL	1721505
CBL	1721510
CBL	1721515
CBL	1722005
CBL	1722010
CBL	1722505
CBL	1723005
CBL	1723010

Category Scheme	Category Code
CBL	1723505
CBL	1724005
CBL	1730505
CBL	1731005
CBL	1731010
CBL	1810510
CBL	1810515
CBL	1810520
CBL	1820505
CBL	1821005
CBL	1821010
CBL	1821015
CBL	1821020
CBL	1821025
CBL	1830505
CBL	1830510
CBL	1830515
CBL	1830520
CBL	1830525
CBL	1910505
CBL	1910510
CBL	1910515
CBL	1911005
CBL	1911010
CBL	1911015
CBL	1920505
CBL	1930505
CBL	2620505
CBL	2815005
CBL	2815010
CBL	2815505
CBL	2815510
CBL	2815515

Category Scheme	Category Code
CBL	2815520
CBL	2815525
CBL	2815530
CBL	2815531
CBL	2815535
CBL	2815540
CBL	2815550
CBL	2815555
CBL	2816005
CBL	2816010
CBL	2816015
CBL	2816505
CBL	2816507
GPC	10000001
GPC	10000004
GPC	10000009
GPC	10000012
GPC	10000013
GPC	10000014
GPC	10000016
GPC	10000017
GPC	10000018
GPC	10000020
GPC	10000025
GPC	10000026
GPC	10000028
GPC	10000031
GPC	10000040
GPC	10000043
GPC	10000044
GPC	10000045
GPC	10000047
GPC	10000048

Category Scheme	Category Code
GPC	10000049
GPC	10000050
GPC	10000051
GPC	10000054
GPC	10000055
GPC	10000064
GPC	10000104
GPC	10000105
GPC	10000111
GPC	10000115
GPC	10000116
GPC	10000155
GPC	10000156
GPC	10000158
GPC	10000159
GPC	10000161
GPC	10000164
GPC	10000165
GPC	10000166
GPC	10000168
GPC	10000170
GPC	10000171
GPC	10000172
GPC	10000177
GPC	10000178
GPC	10000179
GPC	10000187
GPC	10000189
GPC	10000190
GPC	10000191
GPC	10000192
GPC	10000195
GPC	10000196

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Category Scheme	Category Code
GPC	10000197
GPC	10000200
GPC	10000201
GPC	10000203
GPC	10000204
GPC	10000205
GPC	10000206
GPC	10000211
GPC	10000212
GPC	10000215
GPC	10000217
GPC	10000219
GPC	10000220
GPC	10000232
GPC	10000235
GPC	10000238
GPC	10000239
GPC	10000242
GPC	10000244
GPC	10000246
GPC	10000248
GPC	10000249
GPC	10000255
GPC	10000257
GPC	10000260
GPC	10000261
GPC	10000262
GPC	10000265
GPC	10000270
GPC	10000271
GPC	10000272
GPC	10000278
GPC	10000280

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Category Scheme	Category Code
GPC	10000282
GPC	10000284
GPC	10000287
GPC	10000289
GPC	10000290
GPC	10000291
GPC	10000292
GPC	10000300
GPC	10000301
GPC	10000302
GPC	10000307
GPC	10000308
GPC	10000309
GPC	10000312
GPC	10000315
GPC	10000341
GPC	10000356
GPC	10000459
GPC	10000465
GPC	10000466
GPC	10000467
GPC	10000507
GPC	10000521
GPC	10000533
GPC	10000578
GPC	10000585
GPC	10000594
GPC	10000613
GPC	10000842
GPC	10000849
GPC	10000855
GPC	10000856
GPC	10000863

Category Scheme	Category Code
GPC	10000873
GPC	10000876
GPC	10000880
GPC	10000894

APPENDIX PRO – GDSN PROMOTIONAL TRADE ITEM CIN EXTENSION INFORMATION

This documentation has been designed to work in conjunction with the 1SYNC *IM Participant Dictionary*, the *Data Source GDSN Interoperability Guide*, the *Data Source 1SYNC XML Guide,* the *Data Recipient 1SYNC XML Guide,* and the *1SYNC IM Valid Values List* documents to provide a summary of the core 1SYNC Item Management (IM) trade item attributes required for data synchronization, as well all of the Promotional Trade Item CIN Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

Implementation Guide for the Promotional Trade Item Extension

The GDSN Trade Item Implementation Guide includes specifications and use cases for the Promotional Trade Item Extension. This guide, the GDSN Trade Item Implementation Guide Issue 11 (or later issue) can be found at:
http://www.gs1.org/services/gsmp/kc/gdsn/index.html

Sending the Promotional Trade Item Extension on a CIN Message

The Promotional Trade Item CIN Extension will be sent to customers that are configured at 1SYNC to receive the extension. The Promotional Trade Item CIN Extension is considered Optional – it will be sent to the retailer once the Retailer GLN is set up to receive the extension and will only be present on the CIN message if all of the conditions are met and all validations have been passed. As long as the attributes are present, and the retailer is set up to receive it, the Promotional Trade Item CIN Extension will be attempted to be attached to the core CIN message.

Sending the Promotional Trade Item Extension attributes to IM

1SYNC XML and GUI users can send multiple occurrences of the Promotional Trade Item Extension attributes (in other words, multiple "loops" of the "promotional" group can be populated). However, 1SYNC Spreadsheet Load Tool users are restricted to sending 1 occurrence of the Promotional Trade Item Extension attributes (in other words, only a single "loop" of the "promotional" group can be populated).

General Mapping Rules, Validations, and Resulting Responses

Listed below are the 1SYNC Item attributes mapped in the Promotional Trade Item CIN Extension with the applicable mapping logic. Also listed are potential error conditions resulting in a message or a failure as noted in the table below.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Promotional Trade Item Extension Attribute Map									
Free Quantity of Next Lower Level	promotional/freeQtyOfNextLowerLevel	freeQuantityOfNextLowerLevelTradeItem/measurementValue/value	AVP734	D	Float	1/15,15	0 to many (in group "promotional," which allows 0 to many)	The numeric quantity of free items in a combination pack. If the free quantity promotional trade item is simple or is a multi-pack, the free quantity is populated. The unit of measure must be the same as the unit of measure of the Net Content of the Child Trade Item.	All dependent attributes must be populated. Dependent attributes include: • Free Quantity of Next Lower Level (AVP734) • Free Quantity of Next Lower Level UOM (AVP735) If populated, Consumer Unit Indicator must be 'true'. For a given Non Promotional Item/Promotional Type Code combination, cannot populate both Free Quantity of Next Lower Level/UOM and Free Quantity of Product/UOM. Must populate one or the other, or neither.

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Promotional Trade Item Extension Attribute Map									
Free Quantity of Next Lower Level UOM	promotional/freeQtyOfNextLowerLevel UOM	freeQuantityOfNextLowerLevelTradeItem/measurementValue@uom	AVP735	D	Text	1/3	0 to many (in group "promotional," which allows 0 to many)	Indicates the Unit of Measure used for Free Quantity of Next Lower Level. The unit of measure must be the same as the unit of measure of the Net Content of the Child Trade Item.	All dependent attributes must be populated. Dependent attributes include: • Free Quantity of Next Lower Level (AVP734) • Free Quantity of Next Lower Level UOM (AVP735) If populated, Consumer Unit Indicator must be 'true'. For a given Non Promotional Item/Promotional Type Code combination, cannot populate both Free Quantity of Next Lower Level/UOM and Free Quantity of Product/UOM. Must populate one or the other, or neither. Value is mapped inbound only if within "Net Content UOM" valid values list.

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Promotional Trade Item Extension Attribute Map									
Free Quantity of Product	promotional/freeQtyOfProduct	freeQuantityOfProduct/measurementValue/value	PRM005	D	Float	1/15,15	0 to many (in group "promotional," which allows 0 to many)	To indicate the quantity that is free. It is needed to update the price per unit of measure as displayed on the shelves. The unit of measure must be the same as the unit of measure of the Net Content.	All dependent attributes must be populated. Dependent attributes include: • Free Quantity of Product (PRM005) • Free Quantity of Product UOM (PRM006) If populated, Consumer Unit Indicator must be 'true'. For a given Non Promotional Item/Promotional Type Code combination, cannot populate both Free Quantity of Next Lower Level/UOM and Free Quantity of Product/UOM. Must populate one or the other, or neither.

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Promotional Trade Item Extension Attribute Map									
Free Quantity of Product UOM	promotional/freeQtyOfProductUOM	freeQuantityOfProduct/measurementValue@uom	PRM006	D	Text	1/3	0 to many (in group "promotional," which allows 0 to many)	Indicates the Unit of Measure used for Free Quantity of Product. The unit of measure must be the same as the unit of measure of the Net Content.	All dependent attributes must be populated. Dependent attributes include: • Free Quantity of Product (PRM005) • Free Quantity of Product UOM (PRM006) If populated, Consumer Unit Indicator must be 'true'. For a given Non Promotional Item/Promotional Type Code combination, cannot populate both Free Quantity of Next Lower Level/UOM and Free Quantity of Product/UOM. Must populate one or the other, or neither. Value is mapped inbound only if within "Net Content UOM" valid values list.

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Promotional Trade Item Extension Attribute Map									
Non Promotional Item	promotional/nonPromotionalItem	nonPromotionalItem/gtin	AVP051	M	Text	14/14	1 (in group "promotional," which allows 0 to many)	The GTIN of the standard trade item. Used to indicate which trade item the promotional trade item replaces or coexists with. To enable the linking of identification and therefore of information between the two trade items.	If populated, Consumer Unit Indicator must be 'true'.

For trade items where the Target Market = Netherlands, GTIN numbers starting with 0020-0029, 0040-0049, and 0200-0299 are not allowed. |
| Promotional Type Code | promotional/promotionalTypeCode | promotionalTypeCode | AVP052 | M | Text | 1/60 | 1 (in group "promotional," which allows 0 to many) | Used to identify the different types of free quantity promotional trade items and the nature of the link between the standard trade item and the promotional trade item. | If populated, Consumer Unit Indicator must be 'true'.

Value is mapped inbound only if within "Promotional Type Code" valid values list. |

APPENDIX SA – SOUTH AFRICA R146 CIN EXTENSION INFORMATION

This appendix has been designed to work in conjunction with the 1SYNC *IM Participant Dictionary*, *the Data Source 1SYNC XML Guide, the Data Recipient 1SYNC XML Guide, and the 1SYNC IM Valid Values List* documents to provide a summary of the core 1SYNC IM trade item attributes required for data synchronization, as well all of the South Africa R146 Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

South Africa R146 Extension General Requirements

ORGANIZATION SETUP

In order to receive the R146 South Africa Extension, the following must be set up:
- No additional setup is required for an Information Provider (IP) to send data to a subscriber with the R146 South Africa Extension. The IP must publish data to the Subscriber GLN that is configured at 1SYNC to receive the synchronized data via the extension.
- Data Pools and retailers that want to receive the South Africa R146 Extension attributes must have their Subscriber GLN configured at 1SYNC to receive the South Africa R146 Extension. Contact Customer Support to request this setup.

SENDING THE 2 R146 SOUTH AFRICA EXTENSION ON A CIN MESSAGE

The South Africa R146 CIN Extension should be implemented as optional for those data pools and retailers who are set up to receive it and the presence of any one or more of the attributes included in the South Africa R146 should be the trigger to invoke the extension logic. If the requirements of the extension are not met, the extension should not be formed and the CIN should be sent without the extension.

General Mapping Rules, Validations, and Resulting Responses

GDSN CIN – SOUTH AFRICA R146 CIN EXTENSION ATTRIBUTE REQUIREMENTS

Listed below are the 1SYNC Item attributes mapped in the South Africa R146 CIN Extension with the applicable mapping logic.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Country of Assembly	tradeItemCountryOfAssembly	tradeItemCountryOfAssembly	CRE036	O	text	1/60	0 or 1	Country where product is assembled.	Map As Is
Country of Last Provenance/Processing	countryOfLastProvenance	countryOfLastProvenance	DAS002	O	text	1/60	0 or 1	The code that identifies the country in which the trade item was last processed and tested before importation.	Map As Is
Is the Item Flavouring?	isItemFlavouring	N/A	GSA002	O	text	1/60	0 or More	This is true when:- a foodstuff contains a flavouring of an ingredient, but not the real ingredient itself.	Map As Is
Is Ingredient Irradiated?	isIngredientIrradiated	ingredientIrradiatedCode	FMC001	O	text	1/60	0 or 1	Indicates if radiation has been applied to a trade item's ingredient.	Map As Is
Is Item Wild Caught?	isTradeItemWildCaught	N/A	GSA003	O	text	1/60	0 or 1	Misleading descriptions - fish and other marine foodstuffs that are regulated in terms of the National Regulator for Compulsory Specifications Act, 2008 (Act 5 of 2008), the statement "wild" shall not be permitted unless it is qualified as	Map As Is

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
								"wild caught".	
Is Item Previously Frozen	isTradeItemPreviouslyFrozen	N/A	GSA004	O	text	1/60	0 or 1	Has the item been frozen and then thawed for subsequent sale?	Map As Is
Does Item Have Comparitive Claim?	hasComparativeClaim	N/A	GSA005	O	text	1/60	0 or 1	Is there a claim on the label that compares the total fat, saturated fat, cholesterol, sugar, sodium or salt, energy value or alcohol level of two or more similar foodstuffs?	Map As Is
Is Item a PrePacked Food Additive?	isTradeItemPrePackedFoodAdditive	N/A	GSA006	O	text	1/60	0 or 1	Is the Item a pre-packed food additive?	Map As Is
Manufacturer GLN	manufacturer/gln	N/A	CRE124	O	text	1/13	1(In a group manufacturers that allows 0 or more entries)	The Global Location Number used to identify the organization that manufactures this trade item.	Map As Is

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Manufacturer Name	manufacturer/name	nameOfManufacturer	CRE132	O	text	128	1(In a group manufacturers that allows 0 or more entries)	The name of the manufacturer of this trade item.	Map As Is
Manufacturer GLN	saManufacturerAdditionalInfo/saManufacturerGLN	manufacturer	GSA053	O	text	1/13	1(In a group saManufacturerAdditionalInfo that allows 0 or more entries)	The Global Location Number used to identify the organization that manufactures this trade item.	Map As Is
Manufacturer Address	saManufacturerAdditionalInfo/saManufacturerAddress	N/A	GSA007	O	text	1/200	1(In a group saManufacturerAdditionalInfo that allows 0 or more entries)	The name and physical address of the manufacturer, importer or seller	Map As Is
Precautions	saPrecautions	N/A	GSA054	O	text	1/1000	0 or 1	Specifies any warning or precaution regarding the item or additional precautions to be taken before preparation or consumption of the product.	Map As Is
Is Item Cross Contaminated?	isTradeItemCrossContaminated	N/A	GSA011	O	text	1/60	0 or 1	Means the presence of any common allergen not intentionally added to a foodstuff, which is present in such foodstuff as a result of the cultivation,	Map As Is

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
								production, manufacturing, processing, preparation, treatment, packing, packaging, transport or holding of such foodstuff or as a result of environmental contamination	
Does Item Have Allergen Control Policy?	hasAllergenControlPolicy	N/A	GSA012	O	text	1/60	0 or 1	If there is a risk for cross-contamination, does the food processing facility have an Allergen Control Policy?	Map As Is
Is Item Hypo-Allergenic?	isItemHypoallergenic	N/A	GSA013	O	text	1/60	0 or 1	Has the quantity of endogenous allergens in the item been reduced in such a way that it is not possible to detect the presence of any possible allergen with testing suitable for the specific allergen OR has the item been tested to confirm the absence of the particular allergen(s0, using suitable testing for the specific allergen(s).	Map As Is

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IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Allergen Specification Agency	foodAndBevAllergen/allergenSpecificationAgency	allergenSpecificationAgency	FNB001	O	text	1/70	0 or 1 (In a group allergenInformation that allows 0 or more entries)	Agency that controls the allergen definition.	All dependent attributes must be populated. Dependent attributes include: • Allergen Specification Agency (FNB001) • Allergen Specification Name (FNB002) • Allergen Type Code (FNB003) Level Of Containment (FNB004)
Allergen Specification Name	foodAndBevAllergen/allergenSpecificationName	allergenSpecificationName	FNB002	O	text	1/70	0 or 1 (In a group allergenInformation that allows 0 or more entries)	Free text field containing the name and version of the regulation or standard that contains the definition of the allergen.	All dependent attributes must be populated. Dependent attributes include: • Allergen Specification Agency (FNB001) • Allergen Specification Name (FNB002) • Allergen Type Code (FNB003) Level Of Containment All dependent attributes must be populated. Dependent attributes include: • Allergen Specification Agency (FNB001) • Allergen Specification Name (FNB002) • Allergen Type Code (FNB003) Level Of Containment (FNB004) (FNB004)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Allergen Type Code	foodAndBevAllergen/allergenTypeCode	allergenTypeCode	FNB003	O	text	1/60	0 or 1 (In a group allergenInformation that allows 0 or more entries)	Code indicating the type of allergen.	All dependent attributes must be populated. Dependent attributes include: • Allergen Specification Agency (FNB001) • Allergen Specification Name (FNB002) • Allergen Type Code (FNB003) Level Of Containment (FNB004)
Level Of Containment	foodAndBevAllergen/levelOfContainment	levelOfContainment	FNB004	O	text	1/60	0 or 1 (In a group allergenInformation that allows 0 or more entries)	Code indicating the level of presence of the allergen.	All dependent attributes must be populated. Dependent attributes include: • Allergen Specification Agency (FNB001) • Allergen Specification Name (FNB002) • Allergen Type Code (FNB003) Level Of Containment (FNB004)
Uncommon Allergy Type Code	saUncommonAllergens/saUncommonAllergenTypeCode	N/A	GSA009	O	text	1/60	0 or 1 (In a group saUncommonAllergens that allows 0 or more entries)	Means any food or non-food allergen not classified as a common allergen.	Map As Is

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Level Of Containment	saUncommonAllergens/saUncommonLevelOfContainment	N/A	GSA010	O	text	1/60	0 or 1 (In a group saUncommonAllergens that allows 0 or more entries)	Is it free from, does it contain or may it contain?	Map As Is
Diet Type Code	foodAndBevDietTypeInfo/dietTypeCode	N/A	FNB005	O	text	1/60	0 or 1 (In a group saUncommonAllergens that allows 0 or more entries)	Code indicating the diet for, which the product is suitable.	Map As Is
Sulphur Dioxide Min Value	saSulphurDioxideMinValue	N/A	GSA035	O	float	1/30	0 or 1	The minimum percentage of sulphur dioxide the contents will yield.	Map As Is
Sulphur Dioxide Max Value	saSulphurDioxideMaxValue	N/A	GSA036	O	float	1/30	0 or 1	The maximum percentage of sulphur dioxide the contents will yield.	Map As Is
Ingredient Sequence	foodAndBevIngredient/ingredientSequence	ingredientSequence	FNB009	O	integer	1/12	1 (In a group foodAndBevIngredients that allows 0 or more entries)	Integer (1, 2, 3…) indicating the ingredient order in descending order of mass by content percentage of the product. (major ingredient = 1, second	Map As Is

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
								ingredient = 2) etc.	
Ingredient Name	foodAndBevIngredient/ingredientName	ingredientName	FNB010	O	text	1/70	1 (In a group foodAndBevIngredients that allows 0 or more entries)	Text field indicating one ingredient or ingredient group (according to regulations of the target market). Ingredients include any additives (colourings, preservatives, e-numbers, etc) that are encompassed.	Map As Is
Content Percentage	foodAndBevIngredient/contentPercentage	contentPercentage	FNB008	O	float	1/7	1 (In a group foodAndBevIngredients that allows 0 or more entries)	Indication of the percentage of the ingredient contained in the product.	Map As Is
Ingredient Country Of Origin	foodAndBevIngredient/ingredientCountryOfOrigin	ingredientCountryOfOrigin	FNB056	O	text	1/5	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	The country code (codes) indicating the country of origin of the ingredient.	Map As Is

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Level Of Containment	foodAndBevIngredient/saIngredientInformation/saLevelOfContainment	N/A	GSA014	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Is it free from, does it contain or may it contain?	GSA014
Is Ingredient Non-Vegetable?	foodAndBevIngredient/saIngredientInformation/saIsIngredientNonVegetable	N/A	GSA015	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Derived from non-vegetarian origin.	GSA015
Is Ingredient Seasonal?	foodAndBevIngredient/saIngredientInformation/saIsIngredientSeasonal	N/A	GSA016	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Ingredient only seasonally available.	GSA016
Is Ingredient Reconstituted?	foodAndBevIngredient/saIngredientInformation/saIsIngredientReconstituted	N/A	GSA017	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Was the ingredient restored or partially restored to its former or natural state, as by e.g. the addition of water to the concentrate or dehydrated ingredient?	GSA017

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Is Ingredient in Variable Proportions?	foodAndBevIngredient/saIngredientInformation/saIsingredientInVariableProportions	N/A	GSA018	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Is the Ingredient part of a mixture of mixed fruit, nuts or vegetables where no particular fruit, nut or vegetable predominates significantly with respect to mass?	GSA018
Is Ingredient Irradiated?	foodAndBevIngredient/saIngredientInformation/saIsIngredientIrradiated	N/A	GSA019	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Has the Ingredient been treated with ionizing radiation?	GSA019
Does Ingredient Contain Gluten?	foodAndBevIngredient/saIngredientInformation/saContainsGluten	N/A	GSA020	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Does the Ingredient have proteins that naturally occur in a significant cereal to which some persons are intolerant (gluten)?.	GSA020
Does Ingredient Contain a Thickner or Pectin?	foodAndBevIngredient/saIngredientInformation/saContainsThickner	N/A	GSA021	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Does the Ingredient contain Pectin containing foodstuffs such as jelly and fruit jelly containing more than 0,6% added pectin or pectinaceous material and jams containing more than 0,3% of added pectin	GSA021

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
								or does the ingredient contain any other thickener?	
Fats & Oils - Is Ingredient a Vegetable?	foodAndBevIngredient/saIngredientInformation/saIsIngredientVegetable	N/A	GSA022	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Is the Ingredient a fresh, unprocessed vegetable?	GSA022
Fats & Oils - Is Ingredient an Animal?	foodAndBevIngredient/saIngredientInformation/saIsIngredientAnimal	N/A	GSA023	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Is the fat and/or oil from an animal?	GSA023
Fats & Oils - Is Ingredient A Fish?	foodAndBevIngredient/saIngredientInformation/saIsIngredientFish	N/A	GSA024	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Is the fat and/or oil from fish?	GSA024
Fats & Oils - Is Ingredient Marine?	foodAndBevIngredient/saIngredientInformation/saIsIngredientMarine	N/A	GSA025	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Is the fat and/or oil from marine foodstuff, other than fish?	GSA025

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Fats & Oils - Ingredient Part of a Plant	foodAndBevIngredient/saIngredientInformation/saIngredientPartOfPlant	N/A	GSA057	O	text	1/70	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	If the Ingredient is a vegetable fat and/or oil -specify the particular part of the plant from which the fat or oil is derived.	GSA057
Fats & Oils - Is Ingredient Hydrogenated?	foodAndBevIngredient/saIngredientInformation/saIsIngredientHydrogenated	N/A	GSA027	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Is the fat and/or oil hydrogenated?	GSA027
Additive Specific - Is Ingredient Oil Cold or Mechanically Pressed?	foodAndBevIngredient/saIngredientInformation/saIsIngredientOilColdOrMechanicallyPressed	N/A	GSA028	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	In terms of edible vegetable fat and oil manufacturing, means the oil has been obtained by applying mechanical procedures, such as expelling or mechanical pressure, in the absence of light, without the application of external heat where the temperature of the process never exceeds 50% (122OF) and where purification may have been accomplished by washing with water, settling, filtering and	GSA028

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	*GDSN CIN EXTENSION NAME*	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
								centrifuging only.	
Additive Specific - Is Ingredient a Flavourant?	foodAndBevIngredient/saIngredientInformation/saIsIngredientFlavourant	N/A	GSA029	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Is the Ingredient a flavouring substance intended to be added in small amounts to foods and of which the primary purpose is to impact, modify or improve the flavour of foodstuffs rather than to enhance nutritional quality. Is not intended to be consumed on its own and exclude substances that have an exclusively sweet, sour or salty taste. Flavourants may consist of flavouring substances, flavouring preparations, process Flavourings, smoke Flavourings or Mixtures thereof.	GSA029

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Additive Specific - Is Ingredient a Flavour Enhancer?	foodAndBevIngredient/saIngredientInformation/saIsIngredientFlavourEnhancer	N/A	GSA030	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Is the Ingredient a substance that enhances, intensifies or supplements the existing taste and/or odour of a foodstuff? MSG is considered a Flavour Enhancer.	GSA030
Additive Specific - Is Ingredient a Food Colourant?	foodAndBevIngredient/saIngredientInformation/saIsIngredientFoodColourant	N/A	GSA031	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Is Ingredient any substance described as such in the Regulations Relating to Food Colourants published under the Act.	GSA031
Additive Specific - Is Ingredient a Preservative?	foodAndBevIngredient/saIngredientInformation/saIsIngredientPreservative	N/A	GSA032	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Is the Ingredient an additive that prolongs the shelf life of a food by protecting against deterioration caused by microorganisms.	GSA032
Additive Specific - Is Ingredient a Common Allergen?	foodAndBevIngredient/saIngredientInformation/saIsIngredientCommonAllergen	N/A	GSA033	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	"Common allergen" means egg, cow's milk, crustaceans and molluscs, fish, peanuts, soybeans, tree nuts and any significant cereals, as well as ingredients derived from these foodstuffs that has retained its allergenicity in the final	GSA033

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![1 WORLD SYNC logo]

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
								product.	
Additive Specific - Common Allergen Name (If Applicable)	foodAndBevIngredient/saIngredientInformation/saCommonAllergenName	N/A	GSA034	O	text	1/60	0 or More(In a group foodAndBevIngredients that allows 0 or more entries)	Egg, cow's milk, crustaceans and molluscs, fish, peanuts, soybeans, tree nuts, significant cereals.	GSA034
Compound Ingredient #1 Compound Ingredient #2 Compound Ingredient #3 Compound Ingredient #4 Compound Ingredient #5 Compound Ingredient #6 Compound Ingredient #7 Compound Ingredient #8 Compound Ingredient #9 Compound Ingredient #10	foodAndBevIngredient/saIngredientInformation/saCompoundIngredient1 thru foodAndBevIngredient/saIngredientInformation/saCompoundIngredient15	N/A	GSA037 GSA038 GSA039 GSA040 GSA041 GSA042 GSA043 GSA044 GSA045 GSA046 GSA047 GSA048 GSA049 GSA050 GSA051 GSA052	O	text	1/60	0 or 1 (In a group foodAndBevIngredients that allows 0 or more entries)	Ingredient#1-15 of the compound ingredient.	GSA037 GSA038 GSA039 GSA040 GSA041 GSA042 GSA043 GSA044 GSA045 GSA046 GSA047 GSA048 GSA049 GSA050 GSA051 GSA052

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Compound Ingredient #11 Compound Ingredient #12 Compound Ingredient #13 Compound Ingredient #14 Compound Ingredient #15									
Preparation State	foodAndBevNutrientInfo/preparationState	preparationState	FNB014	O	text	1/60	0 or 1 (In a group foodAndBevNutrientInfo that allows 0 or more entries)	Code specifying whether the nutrient information applies to the prepared or unprepared state of the product.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) Value is mapped inbound only if within "Preparation State" valid values list.
Measurement Precision	foodAndBevNutrientInfo/measurementPrecision	measurementPrecision	FNB015	O	text	1/60	0 or 1 (In a group foodAndBevNutrientInfo that allows 0 or more entries)	Code indicating whether the specified nutrient content is exact or approximate.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016)

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
									Value is mapped inbound only if within "Preparation State" valid values list.
Nutrient Type Code	foodAndBevNutrientInfo/nutrientTypeCode	nutrientTypeCode	FNB016	O	text	1/35	0 or 1 (In a group foodAndBevNutrientInfo that allows 0 or more entries)	Code from the list of the INFOODS food component tag names (http://www.fao.org/infoods/tagnames_en.stm) identifying nutrients contained in the product.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) Value is mapped inbound only if within "Preparation State" valid values list.
Percentage Of Daily Value Intake	foodAndBevNutrientInfo/percentageOfDailyValueIntake	percentageOfDailyValueIntake	FNB017	O	float	1/70	0 or 1 (In a group foodAndBevNutrientInfo that allows 0 or more entries)	The percentage of the recommended daily intake of a nutrient as recommended by authorities of the target market. Is expressed relative to the serving size and base daily value intake.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) Nutrient Type Code (FNB016)

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	*GDSN CIN EXTENSION NAME*	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Nutrient Quantity Contained	foodAndBevNutrientInfo/nutrientQuantityContained	nutrientQuantityContained	FNB018	O	float	1/30	0 or 1 (In a group foodAndBevNutrientInfo that allows 0 or more entries)	Measurement value indicating the amount of nutrient contained in the product. Is expressed relative to the serving size.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) Nutrient Quantity Contained UOM (FNB019)
Nutrient Quantity Contained UOM	foodAndBevNutrientInfo/nutrientQuantityContainedUOM	nutrientQuantityContainedUOM	FNB019	O	text	1/3	0 or 1 (In a group foodAndBevNutrientInfo that allows 0 or more entries)	Unit of Measurement associated with the Nutrient Quantity Contained value.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) • Nutrient Quantity Contained (FNB018) Value is mapped inbound only if within "Nutrient Quantity Contained UOM" valid values list.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Nutritional Claim	foodAndBevNutrientInfo/saNutritionalClaim	NA	GSA052	O	Text	1/70	0 or 1 (In a group foodAndBevNutrientInfo that allows 0 or more entries)	Indicates claims on packaging made about the nutrient.	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) • Nutrient Quantity Contained (FNB018)
Nutrient Additional Information	foodAndBevNutrientInfo/saNutrientAdditionalInfo	NA	GSA008	O	Text	1/70	0 or 1 (In a group foodAndBevNutrientInfo that allows 0 or more entries)	Indicates what the Nutrient information applies to (ie Drained Weight, Net Content, Etc)	All dependent attributes must be populated. Dependent attributes include: • Preparation State (FNB014) • Measurement Precision (FNB015) • Nutrient Type Code (FNB016) • Nutrient Quantity Contained (FNB018)
Production Variant Description	productionVariantDescription	productionVariantDescription	FNB063	O	text	1/70	0 or 1	Free text assigned by the manufacturer to describe the production variant. Examples are: package serie X, package serie Y.	Map As Is

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN EXTENSION NAME	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
Production Variant Effective Date	productionVariantEffectiveDate	productionVariantEffectiveDate	FNB064	O	date		0 or 1	The start date of a production variant. The variant applies to products having a date mark (a best before date or expiration date) on the package that comes on or after the effective date.	Map As Is

APPENDIX SI – SINFOS EXTENSION INFORMATION

Please Note that the SINFOS Extension will be Sunset on November 28, 2011 and will be replaced with attributes that are supported by the GDSN standards and have been implemented by 1SYNC. For migration assistance, please refer to the SINFOS migration guide located on the 1SYNC Solution Center or contact 1SYNC Customer Support.

This Supplemental Implementation Guide for the German-Finnish Extension has been designed to work in conjunction with the Item Management (IM) *Participant Dictionary* and the *Data Source GDSN Interoperability Guide* to provide the attribute information necessary to meet the requirements of the German-Finnish Market. It provides a summary of the core 1SYNC IM trade item attributes required for data synchronization as well as all of the German-Finnish Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

SINFOS CIN EXTENSION GENERAL REQUIREMENTS

Organization Setup

In order to receive the SINFOS CIN Extension, the following must be set up:
No additional setup is required for an Information Provider (IP) to send data to a subscriber with the extension. The IP must publish data to the Subscriber GLN that is configured at 1SYNC to receive the synchronized data via the extension.
Datapools and retailers that want to receive the SINFOS CIN Extension attributes must have their Subscriber GLN configured at 1SYNC to receive the SINFOS CIN Extension. Contact Customer Support to request this setup.

Sending the SINFOS Extension on a CIN Message

The SINFOS CIN Extension should be implemented as optional for those data pools and retailers who are set up to receive it and the presence of any one or more of the attributes included in the SINFOS Extension should be the trigger to invoke the extension logic. If the requirements of the extension are not met, the extension should not be formed and the CIN should be sent without the extension.

1SYNC SINFOS CIN Extension Attribute Map

SINFOS CIN EXTENSION ATTRIBUTE REQUIREMENTS FOR INFORMATION PROVIDER

Listed below are the 1SYNC Item attributes mapped in the SINFOS CIN Extension with the applicable mapping logic.

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Dangerous Goods Indicator	dangerousGoodsIndicator	isDangerousSubstance Indicated		O	Boolean		0 or 1	Used to indicate if the product is classed as a Dangerous SUBSTANCE. This is not a typing error, 1SYNC attribute Dangerous GOODS indicator is used for Dangerous SUBSTANCES at SINFOS	Item Sync Error Response results if value is not equal to one of the following values: • False (including Null, No, NO, FALSE, False, or 0) • True (including Yes, YES, TRUE, True, or 1)
Is Trade Item a Bulk Item?	isTradeItemABulkItem	isTradeItemABulkItem	TMX021	O	Boolean		0 or 1	Indication whether the data supplier transmits additional consumer information for consumers or caterers for this trade item.	Item Sync Error Response results if value is not equal to one of the following values: • False (including Null, No, NO, FALSE, False, or 0) • True (including Yes, YES, TRUE, True, or 1)
Is Trade Item A Retail Product?	isTradeItemARetailProduct	sTradeItemARetailProduct	TMX062	O	Boolean		0 or 1	Indication whether trade item product is for retail.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if value is not equal to one of the following values: • False (including Null, No, NO, FALSE, False, or 0) • True (including Yes, YES, TRUE, True, or 1)

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Is Trade Item From Ecological Source?	isTradeITemFromEcolo gicalSource	isTradeItemFromEcolo gicalSource	TMX063	O	Boolean		0 or 1	Indication, whether the item was produced in an enterprise that is certified as an ecological enterprise by an EU control board on the basis of the EU Eco Directive 2092/91.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if value is not equal to one of the following values: • False (including Null, No, NO, FALSE, False, or 0) • True (including Yes, YES, TRUE, True, or 1)
Is Trade Item Marked With Biocide?	isTradeItemMarkedWit hBiocide	isTradeItemMarkedWit hBiocide	TMX064	O	Boolean		0 or 1	Indication whether the product contains biocide.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if value is not equal to one of the following values: • False (including Null, No, NO, FALSE, False, or 0) • True (including Yes, YES, TRUE, True, or 1)

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Is Trade Item Marked With Coffee Tax?	isTradeItemMarkedWithCoffeeTax	isTradeItemMarkedWithCoffeeTax	TMX065	O	Boolean		0 or 1	Indication, whether the trade item is subject to coffee tax.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if value is not equal to one of the following values: • False (including Null, No, NO, FALSE, False, or 0) • True (including Yes, YES, TRUE, True, or 1)
Green Dot Indicator	greenDotIndicator	isTradeItemPackagingMarkedWithGreenDot		O	Boolean		0 or 1	Indication, whether the trade item packaging is Green Dot compliant	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if value is not equal to one of the following values: • False (including Null, No, NO, FALSE, False, or 0) • True (including Yes, YES, TRUE, True, or 1)
Contact GLN	localGLN	contactGLN	U420001	O	Non Negative Integer	13/13	0 or 1	GLN of the local supplier. If this GLN is present then this GLN will be used as "Information Provider GLN" when data is loaded into the SINFOS Classic Pool	Map if present. Item Sync Error Response results if attribute does not meet length restrictions of 13 to 13 digits. Item Sync Error Response results if attribute has incorrect Data Type.

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1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Dangerous Goods Classification Code	dangerousGoods/class Code	classOfDangerousGoods	TMX252	D	String	1/6	0 or more	Classification code of the trade item (dangerous goods) for transport by road and rail (ADR/RID). It indicates the dangerous characteristics respectively the subsections of the trade item within a given classification.	Map if present and Data Type is correct, else do not map. If attribute "Hazmat Special Instructions" is populated, then this attribute (Dangeroug Goods Classification Code) becomes required or else an Item Sync Error Response will result. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 6 characters. If populated in multiple languages, map all languages.

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Hazmat Special Instructions	hazardousMaterial/dan gerousGoods/specialIn structions	dangerousGoodsAdditi onalInformation		O	String	1/512	0 or 1	See *IM Participant Dictionary* attribute page for definition	Map if present and Data Type is correct, else do not map. If this attribute is poplulated, then the following dependent attribute must also be populated or else an Item Sync Error Response will result: • Dangerous Goods Classification Code Item Sync Error Response results if attribute does not meet length restrictions of 1 to 512 characters. If populated in multiple languages, German is mapped first; else the first language code alphabetically will be mapped.
Dangerous Subsance Hazard Symbols 1 Dangerous Subsance Hazard Symbols 2 Dangerous Subsance Hazard Symbols 3 Dangerous Subsance Hazard Symbols 4	dangerousSubstanceH azardSymbols1 dangerousSubstanceH azardSymbols2 dangerousSubstanceH azardSymbols3 dangerousSubstanceH azardSymbols4	dangerousSubstanceH azardSymbols dangerousSubstanceH azardSymbols2 dangerousSubstanceH azardSymbols3 dangerousSubstanceH azardSymbols4	TMX297 TMX 298 TMX299 TMX300	O	String	1/2	0 or more	Indication of a hazard symbol according to European law and the corresponding national realisation.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 2 characters.

WORLD SYNC **Participant Dictionary**

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Dangerous Subsance R-phrase 1	dangerousSubstanceRPhrase1	dangerousSubstanceRPhrase	TMX301	O	String	1/9	0 or more	Abbreviation for labelling obligations and special risks (health risks of skin, respiratory organs, swallow, eyes, reproduction) for handling of the substance.	Map if present and Data Type is correct, else do not map.

Item Sync Error Response results if attribute does not meet length restrictions of 1 to 9 characters. |
Dangerous Subsance R-phrase 2	dangerousSubstanceRPhrase2		TMX302						
Dangerous Subsance R-phrase 3	dangerousSubstanceRPhrase3		TMX303						
Dangerous Subsance R-phrase 4	dangerousSubstanceRPhrase4		TMX304						
Dangerous Subsance R-phrase 5	dangerousSubstanceRPhrase5		TMX305						
Dangerous Subsance R-phrase 6	dangerousSubstanceRPhrase6		TMX306						
Dangerous Subsance R-phrase 7	dangerousSubstanceRPhrase7		TMX307						
Dangerous Subsance R-phrase 8	dangerousSubstanceRPhrase8		TMX308						
Dangerous Subsance R-phrase 9	dangerousSubstanceRPhrase9		TMX309						
Dangerous Subsance R-phrase 10	dangerousSubstanceRPhrase10		TMX310						
Dangerous Subsance R-phrase 11	dangerousSubstanceRPhrase11		TMX311						
Dangerous Subsance R-phrase 12	dangerousSubstanceRPhrase12		TMX312						
Dangerous Subsance R-phrase 13	dangerousSubstanceRPhrase13		TMX313						
Dangerous Subsance R-phrase 14	dangerousSubstanceRPhrase14		TMX314						
Dangerous Subsance R-phrase 15	dangerousSubstanceRPhrase15		TMX315						

WORLD SYNC

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Dangerous Subsance S-phrase 1	dangerousSubstanceSPhrase1	dangerousSubstanceSPhrase	TMX316	O	String	1/9	0 to Many	Safety advice for storage (exposition, storage conditions, mixed storage for food, etc.) to prevent health damage and give advice for medicals in case of contamination.	Map if present and Data Type is correct, else do not map.

Item Sync Error Response results if attribute does not meet length restrictions of 1 to 9 characters. |
Dangerous Subsance S-phrase 2	dangerousSubstanceSPhrase2		TMX317						
Dangerous Subsance S-phrase 3	dangerousSubstanceSPhrase3		TMX318						
Dangerous Subsance S-phrase 4	dangerousSubstanceSPhrase4		TMX319						
Dangerous Subsance S-phrase 5	dangerousSubstanceSPhrase5		TMX320						
Dangerous Subsance S-phrase 6	dangerousSubstanceSPhrase6		TMX321						
Dangerous Subsance S-phrase 7	dangerousSubstanceSPhrase7		TMX322						
Dangerous Subsance S-phrase 8	dangerousSubstanceSPhrase8		TMX323						
Dangerous Subsance S-phrase 9	dangerousSubstanceSPhrase9		TMX324						
Dangerous Subsance S-phrase 10	dangerousSubstanceSPhrase10		TMX325						
Dangerous Subsance S-phrase 11	dangerousSubstanceSPhrase11		TMX326						
Dangerous Subsance S-phrase 12	dangerousSubstanceSPhrase12		TMX327						
Dangerous Subsance S-phrase 13	dangerousSubstanceSPhrase13		TMX328						
Dangerous Subsance S-phrase 14	dangerousSubstanceSPhrase14		TMX329						
Dangerous Subsance S-phrase 15	dangerousSubstanceSPhrase15		TMX330						

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Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
GMO Ingredients	gmoIngredients	gmoIngredients	TMX249	O	String	1/70	0 or 1	Indication, which genetically modified components, ingredients or raw materials, is contained in the product.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 70 characters. If populated in multiple languages, German is mapped first; else the first language code alphabetically will be mapped.
German Food Content Nutrient Base	germanFoodCodeNutri entBase	germanFoodCodeNutri entBase	TMX066	O	String	7/7	0 or 1	Indication of the German Food Code and Nutrient Base that corresponds for this item.	Map if present. Item Sync Error Response results if attribute does not meet length restrictions of 7 to 7 characters.
Levying Kind 1 Levying Kind 2	levyingInformation/lev yingKind1 levyingInformation2/le vyingKind2	levyingKindName levyingKindName	DAS008 DAS012	D	String	1/4	0 to 2	Country-specific levying kind to be paid for this trade item.	Item Sync Response Error Results if all the dependent attributes are not populated: • Levying Kind • Levying Amount • Levying Amount Currency Map first loop pulled from Additional Attribute DAS008. Map second loop from Additional Attribute DAS012. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 4 characters.

WORLD SYNC

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Levying Amount 1 Levying Amount 2	levyingInformation/levyingAmount1 levyingInformation2/levyingAmount2	levyingAmount	DAS010 DAS014	D	Decimal	1/11,4	0 to 2	Levying amount of the respective levying kind and poss. levying class.	Item Sync Response Error Results if all the dependent attributes are not populated: • Levying Kind • Levying Amount • Levying Amount Currency Map first loop pulled from Additional Attribute DAS010. Map second loop from Additional Attribute DAS014. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 7 digits to the left of the decimal. Item Sync Error Response results if attribute has incorrect Data Type. NOTE: If digits to the right of the decimal are greater than 4 digits, then round (<5: down, 5 or >5: up)

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Levying Amount Currency 1 Levying Amount Currency 2	levyingInformation/levyingAmount1CURR levyingInformation2/levyingAmount2CURR	levyingAmount currencyISOCode	DAS011 DAS015	D	String	1/3	0 to 2	National currency of the respective levying amount.	Item Sync Response Error Results if all the dependent attributes are not populated: • Levying Kind • Levying Amount • Levying Amount Currency Item Sync Error Response results if attribute does not meet length restrictions of 1 to 3 characters. Map first loop pulled from Additional Attribute DAS011. Map second loop from Additional Attribute DAS015.
Levying Class 1 Levying Class 2	levyingInformation/levyingClass1 levyingInformation2/levyingClass2	levyingClass	DAS009 DAS013	O	String	1/4	0 to 2	Country-specific levying class for specification of the respected levying kind.	Item Sync Response Error Results if all the dependent attributes are not populated: • Levying Kind • Levying Amount • Levying Amount Currency Map first loop pulled from Additional Attribute DAS009. Map second loop from Additional Attribute DAS013. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 4 characters.

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Levying Kind Basis Value 1 Levying Kind Basis Value 2	levyingInformation/levyingKindBasisValue1 levyingInformation2/levyingKindBasisValue2	levyingKindBasisValue	TMX067 TMX068	O	String	1/15	0 to 2	Indication of basis value, which applies to the corresponding levying kind and possibly the levying class.	Item Sync Response Error Results if all the dependent attributes are not populated: • Levying Kind • Levying Amount • Levying Amount Currency Map first loop pulled from Additional Attribute TMX067. Map second loop from Additional Attribute TMX068. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 15 characters.

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Additives Declaration Obligatory1	additivesDeclarationObligatory1	additivesDeclarationObligatory	TMX069	O	String	1/3	0 or more	Indication of declaration obligatory additives	Map if present and Data Type is correct, else do not map.
Additives Declaration Obligatory2	additivesDeclarationObligatory2		TMX070						
Additives Declaration Obligatory3	additivesDeclarationObligatory3		TMX071						Item Sync Error Response results if attribute does not meet length restrictions of 1 to 3 characters.
Additives Declaration Obligatory4	additivesDeclarationObligatory4		TMX072						
Additives Declaration Obligatory5	additivesDeclarationObligatory5		TMX073						
Additives Declaration Obligatory6	additivesDeclarationObligatory6		TMX074						
Additives Declaration Obligatory7	additivesDeclarationObligatory7		TMX075						
Additives Declaration Obligatory8	additivesDeclarationObligatory8		TMX076						
Additives Declaration Obligatory9	additivesDeclarationObligatory9		TMX077						
Additives Declaration Obligatory10	additivesDeclarationObligatory10		TMX078						
Additives Declaration Obligatory11	additivesDeclarationObligatory11		TMX079						
Additives Declaration Obligatory12	additivesDeclarationObligatory12		TMX080						
Additives Declaration Obligatory13	additivesDeclarationObligatory13		TMX081						
Additives Declaration Obligatory14	additivesDeclarationObligatory14		TMX082						
Additives Declaration Obligatory15	additivesDeclarationObligatory15		TMX083						

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Additives E-numbers 1	additivesEnumbers1		TMX084	O	String	1/8	0 or more	Indication of miscellaneous additives (E-numbers).	Map if present and Data Type is correct, else do not map.
Additives E-numbers 2	additivesEnumbers2		TMX085						
Additives E-numbers 3	additivesEnumbers3		TMX086						
Additives E-numbers 4	additivesEnumbers4		TMX087						Item Sync Error Response results if attribute does not meet length restrictions of 1 to 8 characters.
Additives E-numbers 5	additivesEnumbers5		TMX088						
Additives E-numbers 6	additivesEnumbers6		TMX089						
Additives E-numbers 7	additivesEnumbers7		TMX090						
Additives E-numbers 8	additivesEnumbers8		TMX091						
Additives E-numbers 9	additivesEnumbers9		TMX092						
Additives E-numbers 10	additivesEnumbers10		TMX093						
Additives E-numbers 11	additivesEnumbers11		TMX094						
Additives E-numbers 12	additivesEnumbers12		TMX095						
Additives E-numbers 13	additivesEnumbers13		TMX096						
Additives E-numbers 14	additivesEnumbers14		TMX097						
Additives E-numbers 15	additivesEnumbers15		TMX098						
Additives E-numbers 16	additivesEnumbers16		TMX099						
Additives E-numbers 17	additivesEnumbers17		TMX100						
Additives E-numbers 18	additivesEnumbers18		TMX101						
Additives E-numbers 19	additivesEnumbers19		TMX102						
Additives E-numbers 20	additivesEnumbers20		TMX103						
Additives E-numbers 21	additivesEnumbers21		TMX104						
Additives E-numbers 22	additivesEnumbers22		TMX105						
Additives E-numbers 23	additivesEnumbers23		TMX106						
Additives E-numbers 24	additivesEnumbers24		TMX107						
Additives E-numbers 25	additivesEnumbers25		TMX108						
Additives E-numbers 26	additivesEnumbers26		TMX109						
Additives E-numbers 27	additivesEnumbers27		TMX110						
Additives E-numbers 28	additivesEnumbers28		TMX111						
Additives E-numbers 29	additivesEnumbers29		TMX112						
Additives E-numbers 30	additivesEnumbers30		TMX113						
Additives E-numbers 31	additivesEnumbers31		TMX114						
Additives E-numbers 32	additivesEnumbers32		TMX115						
Additives E-numbers 33	additivesEnumbers33		TMX116						
Additives E-numbers 34	additivesEnumbers34		TMX117						
Additives E-numbers 35	additivesEnumbers35		TMX118						
Additives E-numbers 36	additivesEnumbers36		TMX119						
Additives E-numbers 37	additivesEnumbers37		TMX120						
Additives E-numbers 38	additivesEnumbers38		TMX121						
Additives E-numbers 39	additivesEnumbers39		TMX122						
Additives E-numbers 40	additivesEnumbers40		TMX123						

WORLD SYNC

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Bread Unit	breadUnit	breadUnit	TMX24	O	Decimal	1/6,2	0 or 1	Value of bread unit (BU) of the item in relation to the entered reference value of the nutritional information.	Map if present. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 4 digits before the decimal. Item Sync Error Response results if attribute has incorrect Data Type. NOTE: If digits to the right of the decimal are greater than 2 digits, then round (<5: down, 5 or >5: up)
Convenience Level	convenienceLevel	convenienceLevel	TMX125	O	String	1/4	0 or 1	Indication of convenience level (0 - 100%) for fresh and deep frozen semi prepared products.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 4 characters.
Cooking Roasting Loss	cookingRoastingLoss	cookingRoastingLoss	TMX126	O	Non-Negative Integer	1/2	0 or 1	Indication of percentage of weight loss through cooking or roasting (esp. applies to meat).	Map if present. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 2 digits. Item Sync Error Response results if attribute has incorrect Data Type.

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Cooking Roasting Loss Range	cookingRoastingLossRange	cookingRoastingLossRange	TMX127	O	Non-Negative Integer	1/2	0 or 1		Map if present. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 2 digits. Item Sync Error Response results if attribute has incorrect Data Type.
Fertility	fertility	fertility	TMX128	D	Decimal	1/6,3	0 or 1	Value indicating volume or weight of foodstuff that an instant product (soluble product) makes after preparation according to the instructions provided by the manufacturer.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • Fertility • Fertility UOM Item Sync Error Responses results if value does not meet length restrictions of 1 to 3 to the left of the decimal. Item Sync Error Response results if attribute has incorrect Data Type. NOTE: If digits to the right of the decimal are greater than 3 digits, then round (<5: down, 5 or >5: up)

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Fertility UOM	fertility UOM	fertility UOM	TMX129	D	String	1/3	0 or 1	Unit of measure of volume or weight of foodstuff that an instant product (immediately soluble product) makes after preparation according to the instructions provided by manufacturer.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • Fertility • Fertility UOM Item Sync Error Responses results if value does not meet length restrictions of 1 to 3 characters.
Functionals Health Claims	functionalsHealthClaims	functionalsHealthClaims	TMX130	O	String	1/512	0 or 1	Description of the added health benefits (functionals / health claims) of functional foodstuffs.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 512 characters. If populated in multiple languages, German will be mapped if present; else the first language code alphabetically will be mapped.
Grade Of Goods Fruits Vegetables	gradeOfGoodsFruitsVegetables	gradeOfGoodsFruitsVegetables	TMX131	O	String	1/5	0 or 1	Indication of a grade of goods for fresh fruit and vegetables.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 5 characters.

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Gross Calorific Value kj	grossCalorificValueKJ	grossCalorificValueKJ	TMX132	O	Non-Negative Integer	1/4	0 or 1	Indication of gross calorific value in Kilojoules (kJ).	Map if present. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 4 digits. Item Sync Error Response results if attribute has incorrect Data Type.
Ingredients 1 Ingredients 2 Ingredients 3 Ingredients 4 Ingredients 5 Ingredients 6 Ingredients 7 Ingredients 8 Ingredients 9	ingredients1 ingredients2 ingredients3 ingredients4 ingredients5 ingredients6 ingredients7 ingredients8 ingredients9	ingredients	TMX133 TMX134 TMX135 TMX136 TMX137 TMX138 TMX139 TMX140 TMX141	O	String	1/3	0 or more	Indication of ingredients of the product.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 3 characters.
Ingredients List	ingredientsList	ingredientsList	TMX142	O	String	1/1024	0 or 1	Indication of ingredients of the product.	Map if present and Data Type is correct, else do not map. Value is truncated to 1024 on the outbound SINFOS GDSN CIN Extension Item Sync Error Response results if attribute does not meet length restrictions of 1 to 1024characters. If populated in multiple languages, German will be mapped if present; else the first language code alphabetically will be mapped.

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Nutritional Content 1 Nutritional Content 2 Nutritional Content 3 Nutritional Content 4 Nutritional Content 5 Nutritional Content 6 Nutritional Content 7 Nutritional Content 8	nutritionalContent1 nutritionalContent2 nutritionalContent3 nutritionalContent4 nutritionalContent5 nutritionalContent6 nutritionalContent7 nutritionalContent8	nutritionalContent	TMX143 TMX263 TMX265 TMX267 TMX269 TMX271 TMX273 TMX275	D	String	1/3	0 or 1	Component of the nutritional content referring to the given reference value of the nutritional value.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • Nutritional Content • Nutritional Content Value Item Sync Error Responses results if value does not meet length restrictions of 1 to 3 digits. Item Sync Error Response results if attribute has incorrect Data Type.
Nutritional Content Value 1 Nutritional Content Value 2 Nutritional Content Value 3 Nutritional Content Value 4 Nutritional Content Value 5 Nutritional Content Value 6 Nutritional Content Value 7 Nutritional Content Value 8	nutritionalContentValue1 nutritionalContentValue2 nutritionalContentValue3 nutritionalContentValue4 nutritionalContentValue5 nutritionalContentValue6 nutritionalContentValue7 nutritionalContentValue8	nutritionalContentValue	TMX144 TMX264 TMX266 TMX268 TMX270 TMX272 TMX274 TMX276	D	Decimal	1/5,2	0 or 1	Indication of the value in grams for each component of the nutritional content referring to the entered reference value of the nutritional value.	Item Sync Error Response results if all dependent attributes are not populated. Dependent attributes include: • Nutritional Content • Nutritional Content Value Item Sync Error Responses results if value does not meet length restrictions of 1 to 3 to the left of the decimal. Item Sync Error Response results if attribute has incorrect Data Type. NOTE: If digits to the right of the decimal are greater than 2 digits, then round (<5: down, 5 or >5: up)

Participant Dictionary

| 1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Nutritional Properties 1 Nutritional Properties 2 Nutritional Properties 3 Nutritional Properties 4 Nutritional Properties 5 Nutritional Properties 6 Nutritional Properties 7 Nutritional Properties 8 Nutritional Properties 9 Nutritional Properties 10 Nutritional Properties 11 Nutritional Properties 12 Nutritional Properties 13 Nutritional Properties 14 Nutritional Properties 15 Nutritional Properties 16 Nutritional Properties 17 Nutritional Properties 18 Nutritional Properties 19 Nutritional Properties 20	nutritionalProperties1 nutritionalProperties2 nutritionalProperties3 nutritionalProperties4 nutritionalProperties5 nutritionalProperties6 nutritionalProperties7 nutritionalProperties8 nutritionalProperties9 nutritionalProperties10 nutritionalProperties11 nutritionalProperties12 nutritionalProperties13 nutritionalProperties14 nutritionalProperties15 nutritionalProperties16 nutritionalProperties17 nutritionalProperties18 nutritionalProperties19 nutritionalProperties20	nutritionalProperties	TMX145 TMX146 TMX147 TMX148 TMX149 TMX150 TMX151 TMX152 TMX153 TMX154 TMX155 TMX156 TMX157 TMX158 TMX159 TMX160 TMX161 TMX162 TMX163 TMX164	O	String	1/3	0 or more	Indication of the nutritional properties of the product.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 3 characters.
Nutritional Value Reference	nutritionalValueRefere nce	nutritionalValueRefere nce	TMX165	O	String	1/3	0 or 1	Indication of the reference value of the nutritional value of this item.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 3 characters.
Quality Class Eggs	qualityClassEggs	qualityClassEggs	TMX166	O	String	1/1	0 or 1	Indication of the quality class of fresh eggs.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 1 character.

WORLD SYNC

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Technochemical Properties 1	technoChemicalProperties1	technoChemicalProperties	TMX253	O	String	3/3	0 or more	Technochemical properties of the product.	Map if present and Data Type is correct, else do not map.
Technochemical Properties 2	technoChemicalProperties2		TMX254						
Technochemical Properties 3	technoChemicalProperties3		TMX255						Item Sync Error Response results if attribute does not meet length restrictions of 3 to 3 characters.
Technochemical Properties 4	technoChemicalProperties4		TMX256						
Technochemical Properties 5	technoChemicalProperties5		TMX257						
Technochemical Properties 6	technoChemicalProperties6		TMX258						
Technochemical Properties 7	technoChemicalProperties7		TMX259						
Technochemical Properties 8	technoChemicalProperties8		TMX260						
Technochemical Properties 9	technoChemicalProperties9		TMX261						
Technochemical Properties 10	technoChemicalProperties10		TMX262						
Tobacco Carbon Monoxide	tobaccoCarbonMonoxide	tobaccoCarbonMonoxide	TMX168	O	Non-Negative Integer	1/2	0 or 1	Indication of carbon monoxide in milligrams per cigarette.	Map if present. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 2 digits. Item Sync Error Response results if attribute has incorrect Data Type.

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Tobacco Nicotine	tobaccoNicotine	tobaccoNicotine	TMX169	O	Decimal	1/2,1	0 or 1	Indication of nicotine in milligrams per cigarette.	Map if present. Item Sync Error Responses results if value does not meet length restrictions of 1 to 2 to the left of the decimal. Item Sync Error Response results if attribute has incorrect Data Type. Item Sync Error Response results if digits are not in the range of allowed values from 0.1 to 1.0 (includes values 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, and 1.0).
Tobacco Tar	tobaccoTar	tobaccoTar	TMX170	O	Non-Negative Integer	1/2	0 or 1	Indication of tar in milligrams per cigarette.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 2 characters.
Weight Class Eggs	weightClassEggs	weightClassEggs	TMX171	O	String	1/2	0 or 1	Indication of weight class for fresh eggs of quality class A.	Map if present and Data Type is correct, else do not map. Item Sync Error Response results if attribute does not meet length restrictions of 1 to 2 characters.

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Nutritional Composition Name 1	nutritionalComposition Name1	nutritionalComposition Name	TMX172	D	String	1/3	0 or 1	Nutritional composition of the product.	Item Sync Response results if all the dependent attributes are not populated and Data Type or Length is incorrect. Dependent attributes include: • Nutritional Composition Name • Nutritional Composition Percent Item Sync Error Response results if attribute does not meet length restrictions of 1 to 2 characters.
Nutritional Composition Name 2	nutritionalComposition Name2		TMX277						
Nutritional Composition Name 3	nutritionalComposition Name3		TMX279						
Nutritional Composition Name 4	nutritionalComposition Name4		TMX281						
Nutritional Composition Name 5	nutritionalComposition Name5		TMX283						
Nutritional Composition Name 6	nutritionalComposition Name6		TMX285						
Nutritional Composition Name 7	nutritionalComposition Name7		TMX287						
Nutritional Composition Name 8	nutritionalComposition Name8		TMX289						
Nutritional Composition Name 9	nutritionalComposition Name9		TMX291						
Nutritional Composition Name 10	nutritionalComposition Name10		TMX293						
Nutritional Composition Name 11	nutritionalComposition Name11		TMX295						

WORLD SYNC

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Nutritional Composition Percent 1	nutritionalComposition Percent1	nutritionalComposition Percent	TMX173	D	Percentage	1/5,3	0 or 1	Indication of proportion in percent of the component regarding the composition of the product.	Item Sync Response results if all the dependent attributes are not populated and Data Type or Length is incorrect. Dependent attributes include:
Nutritional Composition Percent 2	nutritionalComposition Percent2		TMX278						• Nutritional Composition Name
Nutritional Composition Percent 3	nutritionalComposition Percent3		TMX280						• Nutritional Composition Percent
Nutritional Composition Percent 4	nutritionalComposition Percent4		TMX282						
Nutritional Composition Percent 5	nutritionalComposition Percent5		TMX284						Item Sync Error Responses results if value does not meet length restrictions of 1 to 2 to the left of the decimal.
Nutritional Composition Percent 6	nutritionalComposition Percent6		TMX286						
Nutritional Composition Percent 7	nutritionalComposition Percent7		TMX288						Item Sync Error Response results if attribute has incorrect Data Type.
Nutritional Composition Percent 8	nutritionalComposition Percent8		TMX290						
Nutritional Composition Percent 9	nutritionalComposition Percent9		TMX292						NOTE: If digits to the right of the decimal are greater than 3 digits, then round (<5: down, 5 or >5: up)
Nutritional Composition Percent 10	nutritionalComposition Percent10		TMX294						
Nutritional Composition Percent 11	nutritionalComposition Percent11		TMX296						

WORLD SYNC   **Participant Dictionary**

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Non GTIN Pallet Gross Weight	nonGTINPalletGrossWeight	palletGrossWeight		D	Non-Negative Integer	1/7	0 or 1	Refer to *IM Participant Dictionary*	Item Sync Response results if all the dependent attributes are not populated and Data Type or Length is incorrect. Dependent attributes include: • Non GTIN Pallet Gross Weight • Non GTIN Pallet Height • Non GTIN Pallet Stacking Factor (TMX250) • Non GTIN Pallet Type (TMX251) • Non-GTIN Pallet Handling (TMX331) NOTE: Value is converted into Grams. Item Sync Error Responses results if converted value does not meet length restrictions of 1 to 7 digits.

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Non GTIN Pallet Height	nonGTINPalletHeight	palletLoadingHeight		D	Non-Negative Integer	1/5	0 or 1	Refer to *IM Participant Dictionary*	Item Sync Response results if all the dependent attributes are not populated and Data Type or Length is incorrect. Dependent attributes include: • Non GTIN Pallet Gross Weight • Non GTIN Pallet Height • Non GTIN Pallet Stacking Factor (TMX250) • Non GTIN Pallet Type (TMX251) • Non-GTIN Pallet Handling (TMX331) NOTE: Value is converted into Millimeters. Item Sync Error Responses results if the converted value does not meet length restrictions of 1 to 5 digits.

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Non-GTIN Pallet Stacking Factor	palletStackingFactor	palletStackingFactor	TMX250	D	Non-Negative Integer	1/2	0 or 1	Indication of how many of the pallet of the indicated pallet type, which is assigned to this despatch unit, can be stacked upon each other.	Item Sync Response results if all the dependent attributes are not populated and Data Type or Length is incorrect. Dependent attributes include: • Non GTIN Pallet Gross Weight • Non GTIN Pallet Height • Non GTIN Pallet Stacking Factor (TMX250) • Non GTIN Pallet Type (TMX251) • Non-GTIN Pallet Handling (TMX331) Item Sync Error Responses results if value does not meet length restrictions of 1 to 2 digits. Item Sync Error Response results if attribute has incorrect Data Type.

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1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Non GTIN Pallet Type	nonGTINPalletType	nonGTINPalletType	TMX251	D	String	1/1	0 or 1	Pallet type of the pallet, which is assigned to this despatch unit. For not palletised items or for items only packed together with other despatch units / other items on a mixed pallet, the pallet code "Non-palletised goods" must be indicated.	Item Sync Response results if all the dependent attributes are not populated and Data Type or Length is incorrect. Dependent attributes include: • Pallet Gross Weight • Pallet Loading Height • Non-GTIN Pallet Stacking Factor (TMX250) • Non-GTIN Pallet Type (TMX251) • Non-GTIN Pallet Handling (TMX331) Item Sync Error Responses results if value does not meet length restrictions of 1 to 1 digits.
Non GTIN Pallet Handling	nonGTINPalletHandling	nonGTINPalletHandling	TMX331	D	String	1/3	0 or 1	Indication, whether the pallet of the indicated pallet type, which is assigned to this despatch unit, is a one-way or a re-usable pallet.	Item Sync Response results if all the dependent attributes are not populated and Data Type or Length is incorrect. Dependent attributes include: • Pallet Gross Weight • Pallet Loading Height • Non-GTIN Pallet Stacking Factor (TMX250) • Non-GTIN Pallet Type (TMX251) • Non-GTIN Pallet Handling (TMX331) Item Sync Error Responses results if value does not meet length restrictions of 1 to 3 characters.

WORLD SYNC

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Party Receiving Private Data 1	partyReceivingPrivateData1	partyReceivingPrivateData	TMX174	O	Non-Negative Integer	13/13	0 or more	Indication of the GLN for the party receiving the private data.	Map if present.
Party Receiving Private Data 2	partyReceivingPrivateData2		TMX175						Item Sync Error Responses results if value does not meet length restrictions of 13 to 13 digits.
Party Receiving Private Data 3	partyReceivingPrivateData3		TMX176						
Party Receiving Private Data 4	partyReceivingPrivateData4		TMX177						Item Sync Error Response results if attribute has incorrect Data Type.
Party Receiving Private Data 5	partyReceivingPrivateData5		TMX178						
Party Receiving Private Data 6	partyReceivingPrivateData6		TMX179						
Party Receiving Private Data 7	partyReceivingPrivateData7		TMX180						
Party Receiving Private Data 8	partyReceivingPrivateData8		TMX181						
Party Receiving Private Data 9	partyReceivingPrivateData9		TMX182						
Party Receiving Private Data 10	partyReceivingPrivateData10		TMX183						
Party Receiving Private Data 11	partyReceivingPrivateData11		TMX184						
Party Receiving Private Data 12	partyReceivingPrivateData12		TMX185						
Party Receiving Private Data 13	partyReceivingPrivateData13		TMX186						
Party Receiving Private Data 14	partyReceivingPrivateData14		TMX187						
Party Receiving Private Data 15	partyReceivingPrivateData15		TMX188						

WORLD SYNC

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Vitamins Minerals Name 1	vitaminsMineralsName 1	vitaminsMineralsName	TMX189	D	String	1/3	0 or 1	Indication of vitamins / minerals contained in a product regarding the entered "Nutritional value: reference value".	Item Sync Response results if all the dependent attributes are not populated and Data Type or Length is incorrect. Dependent attributes include:
Vitamins Minerals Name 2	vitaminsMineralsName 2		TMX193						• Vitamins Minerals Name
Vitamins Minerals Name 3	vitaminsMineralsName 3		TMX197						• Vitamins Minerals Value
Vitamins Minerals Name 4	vitaminsMineralsName 4		TMX201						• Vitamins Minerals Value UOM
Vitamins Minerals Name 5	vitaminsMineralsName 5		TMX205						• Vitamins Minerals RDA
Vitamins Minerals Name 6	vitaminsMineralsName 6		TMX209						Item Sync Error Responses results if value does not meet length restrictions of 1 to 3 characters.
Vitamins Minerals Name 7	vitaminsMineralsName 7		TMX213						
Vitamins Minerals Name 8	vitaminsMineralsName 8		TMX217						
Vitamins Minerals Name 9	vitaminsMineralsName 9		TMX221						
Vitamins Minerals Name 10	vitaminsMineralsName 10		TMX225						
Vitamins Minerals Name 11	vitaminsMineralsName 11		TMX229						
Vitamins Minerals Name 12	vitaminsMineralsName 12		TMX233						
Vitamins Minerals Name 13	vitaminsMineralsName 13		TMX237						
Vitamins Minerals Name 14	vitaminsMineralsName 14		TMX241						
Vitamins Minerals Name 15	vitaminsMineralsName 15		TMX245						

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Vitamins Minerals Value 1	vitaminsMineralsValue 1	vitaminsMineralsValue	TMX190	D	Decimal	1/7,4	0 or 1	Value of "vitamins / minerals" content corresponding to "Nutritional value: reference value".	Item Sync Response results if all the dependent attributes are not populated and Data Type or Length is incorrect. Dependent attributes include:
Vitamins Minerals Value 2	vitaminsMineralsValue 2		TMX194						• Vitamins Minerals Name
Vitamins Minerals Value 3	vitaminsMineralsValue 3		TMX198						• Vitamins Minerals Value
Vitamins Minerals Value 4	vitaminsMineralsValue 4		TMX202						• Vitamins Minerals Value UOM • Vitamins Minerals RDA
Vitamins Minerals Value 5	vitaminsMineralsValue 5		TMX206						
Vitamins Minerals Value 6	vitaminsMineralsValue 6		TMX210						Item Sync Error Responses results if value does not meet length restrictions of 1 to 3 to the left of the decimal.
Vitamins Minerals Value 7	vitaminsMineralsValue 7		TMX214						
Vitamins Minerals Value 8	vitaminsMineralsValue 8		TMX218						Item Sync Error Response results if attribute has incorrect Data Type.
Vitamins Minerals Value 9	vitaminsMineralsValue 9		TMX222						
Vitamins Minerals Value 10	vitaminsMineralsValue 10		TMX226						NOTE: If digits to the right of the decimal are greater than 4 digits, then round (<5: down, 5 or >5: up)
Vitamins Minerals Value 11	vitaminsMineralsValue 11		TMX230						
Vitamins Minerals Value 12	vitaminsMineralsValue 12		TMX234						
Vitamins Minerals Value 13	vitaminsMineralsValue 13		TMX238						
Vitamins Minerals Value 14	vitaminsMineralsValue 14		TMX242						
Vitamins Minerals Value 15	vitaminsMineralsValue 15		TMX246						

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurren ce	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Vitamins Minerals Value UOM 1	vitaminsMineralsValue UOM1	vitaminsMineralsValue UOM	TMX191	D	String	1/3	0 or 1		Item Sync Response results if all the dependent attributes are not populated and Data Type or Length is incorrect. Dependent attributes include: • Vitamins Minerals Name • Vitamins Minerals Value • Vitamins Minerals Value UOM • Vitamins Minerals RDA Item Sync Error Responses results if value does not meet length restrictions of 1 to 3 characters.
Vitamins Minerals Value UOM 2	vitaminsMineralsValue UOM2		TMX195						
Vitamins Minerals Value UOM 3	vitaminsMineralsValue UOM3		TMX199						
Vitamins Minerals Value UOM 4	vitaminsMineralsValue UOM4		TMX203						
Vitamins Minerals Value UOM 5	vitaminsMineralsValue UOM5		TMX207						
Vitamins Minerals Value UOM 6	vitaminsMineralsValue UOM6		TMX211						
Vitamins Minerals Value UOM 7	vitaminsMineralsValue UOM7		TMX215						
Vitamins Minerals Value UOM 8	vitaminsMineralsValue UOM8		TMX219						
Vitamins Minerals Value UOM 9	vitaminsMineralsValue UOM9		TMX223						
Vitamins Minerals Value UOM 10	vitaminsMineralsValue UOM10		TMX227						
Vitamins Minerals Value UOM 11	vitaminsMineralsValue UOM11		TMX231						
Vitamins Minerals Value UOM 12	vitaminsMineralsValue UOM12		TMX235						
Vitamins Minerals Value UOM 13	vitaminsMineralsValue UOM13		TMX239						
Vitamins Minerals Value UOM 14	vitaminsMineralsValue UOM14		TMX243						
Vitamins Minerals Value UOM 15	vitaminsMineralsValue UOM15		TMX247						

Participant Dictionary

1SYNC IM GUI Field	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier	M/O/D to map extension	Data Type	Min/ Max Length	Occurrence	Business Definition	Logic / Mapping Notes
SINFOS CIN Extension Attribute Map									
Vitamins Minerals RDA 1	vitaminsMineralsRDA1 vitaminsMineralsRDA2	vitaminsMineralsRDA	TMX192	D	Decimal	1/5,1	0 or 1	Percentage of RDA (= Recommended Daily Allowance) corresponding to the content in a product based on the "Nutritional value: reference value".	Item Sync Response results if all the dependent attributes are not populated and Data Type or Length is incorrect. Dependent attributes include:
Vitamins Minerals RDA 2	vitaminsMineralsRDA3 vitaminsMineralsRDA4		TMX196						• Vitamins Minerals Name • Vitamins Minerals Value
Vitamins Minerals RDA 3	vitaminsMineralsRDA5 vitaminsMineralsRDA6		TMX200						• Vitamins Minerals Value UOM • Vitamins Minerals RDA
Vitamins Minerals RDA 4	vitaminsMineralsRDA7 vitaminsMineralsRDA8		TMX204						
Vitamins Minerals RDA 5	vitaminsMineralsRDA9 vitaminsMineralsRDA10		TMX208						Item Sync Error Responses results if value does not meet length restrictions of 1 to 4 to the left of the decimal.
Vitamins Minerals RDA 6	vitaminsMineralsRDA11		TMX212						
Vitamins Minerals RDA 7	vitaminsMineralsRDA12		TMX216						Item Sync Error Response results if attribute has incorrect Data Type.
Vitamins Minerals RDA 8	vitaminsMineralsRDA13		TMX220						
Vitamins Minerals RDA 9	vitaminsMineralsRDA14		TMX224						NOTE: If digits to the right of the decimal are greater than 1 digit, then round (<5: down, 5 or >5: up)
Vitamins Minerals RDA 10	vitaminsMineralsRDA15		TMX228						
Vitamins Minerals RDA 11			TMX232						
Vitamins Minerals RDA 12			TMX236						
Vitamins Minerals RDA 13			TMX240						
Vitamins Minerals RDA 14			TMX244						
Vitamins Minerals RDA 15			TMX248						

APPENDIX TC – GDSN EXTENSION SPECIFIC TECHNICAL CHARACTERISTICS CIN EXTENSION INFORMATION

This appendix has been designed to work in conjunction with the 1SYNC *IM Participant Dictionary*, the *Data Source GDSN Interoperability Guide*, and the *1SYNC IM Valid Values List* documents to provide a summary of the core 1SYNC IM trade item attributes required for data synchronization, as well all of the Extension Specific Technical Characteristics Extension attributes. For additional information on the core 1SYNC trade item attributes, please reference the 1SYNC *IM Participant Dictionary*.

Sending the Technical Characteristics Extension on a CIN Message

The Extension Specific Technical Characteristics Extension will be sent to customers that are configured at 1SYNC to receive the extension. The Extension SpecificTechnical Characteristics Extension is considered Optional. It will be sent to the Retailer once the Retailer GLN is set up to receive the extension and will only be present on the CIN message if all of the conditions are met and all validations have been passed.

Along with the Retailer setup, the combination of categoryAgencyCode, characteristicsCategoryCode, and characteristicsCode will trigger IM to attempt to create and send the extension.

General Mapping Rules, Validations, and Resulting Responses

Listed below are the 1SYNC Item attributes mapped in the Extension Specific Technical Characteristics Extension with the applicable mapping logic. Also listed are potential error conditions resulting in a message or a failure as noted in the table below.

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Extension Specific Technical Characteristics Extension Attribute Map									
categoryAgencyCode	technicalCharacteristics/categoryAgencyCode	categoryAgencyCode	TECH001	M	String	1/3	1	Agency to which the characteristics data applies to.	
characteristicsCategoryCode	technicalCharacteristics/characteristicsCategoryCode	characteristicsCategoryCode	TECH002	M	String	1/17	1	Highest level classification code within the specified agency.	
characteristicsCode	technicalCharacteristics/characteristicsCode	characteristicsCode	TECH003	M	String	1/17	1	Code associated with a specific attribute within the specified agency.	
characteristicsValueCode	technicalCharacteristics/characteristicsInformation/characteristicsValueCode	characteristicsValueCode	TECH004	O	String	1/17	1 or more	Value corresponding to the characteristicsCode	This is a choice attribute between characteristicsValueCode, characteristicsMeasurement value, and characteristicsDescription

Participant Dictionary

IM GUI Attribute Name	1SYNC XML Name	GDSN CIN Extension Name	Spreadsheet Load Tool Attribute Qualifier (ATII)	M/O/D to map extension	Data Type	Min/Max Length	Occurrence	Business Definition	Logic / Mapping Notes
GDSN CIN Extension Specific Technical Characteristics Extension Attribute Map									
characteristicsMeasurement	technicalCharacteristics/characteristicsInformation/characteristicsMeasurement	characteristicsMeasurement/value	TECH005	O	Decimal	1/15	1	Measurement value corresponding to the characteristicsCode	This is a choice attribute between characteristicsValueCode, characteristicsMeasurement value, and characteristicsDescription
characteristicsMeasurement@qual	technicalCharacteristics/characteristicsInformation/characteristicsMeasurementUOM	characteristicsMeasurement@unitOfMeasure	TECH006	D	String	0/3	1	Unit of measure corresponding to the measurement value.	
characteristicsDescription	technicalCharacteristics/characteristicsInformation/characteristicsDescription	characteristicsDescription	TECH007	O	String	1/70	0 or more	Free form text description corresponding to the characteristicsCode	This is a choice attribute between characteristicsValueCode, characteristicsMeasurement value, and characteristicsDescription
additionalCharacteristicsDescription	technicalCharacteristics/additionalCharacteristicsDescription	additionalCharacteristicsDescription	TECH008	O		1/1000	0 Or More	An additional description of the product's technical characteristics.	

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APPENDIX DM – DIGITAL ASSET MANAGEMENT

Data source customers can communicate digital asset information via:

- **1WorldSync-Hosted** assets: data source uploads their assets to Item Management, and 1WorldSync hosts the URL
- **Data Source-Hosted** assets: data source hosts their own assets, and simply provides the URL to Item Management (IM)

1WorldSync-Hosted assets are populated via the IM GUI, API or XML via AS2. The IM GUI Digital Asset Management button is shown below:
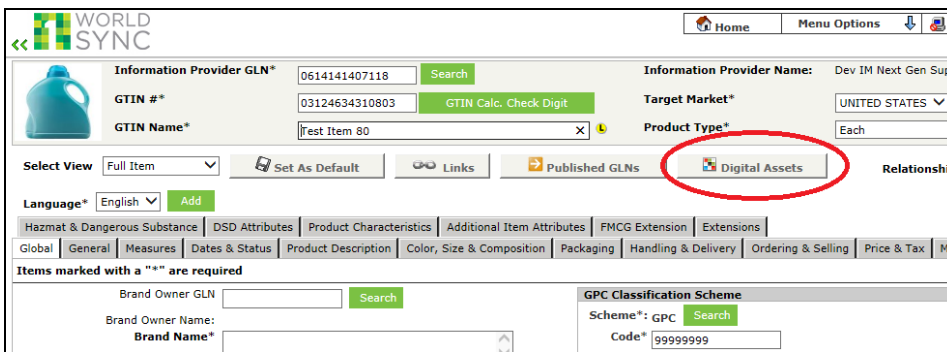
Data Source-Hosted assets are populated (via any method) using the External File Link attributes. The IM GUI (Full Item View/Marketing tab) is shown here:
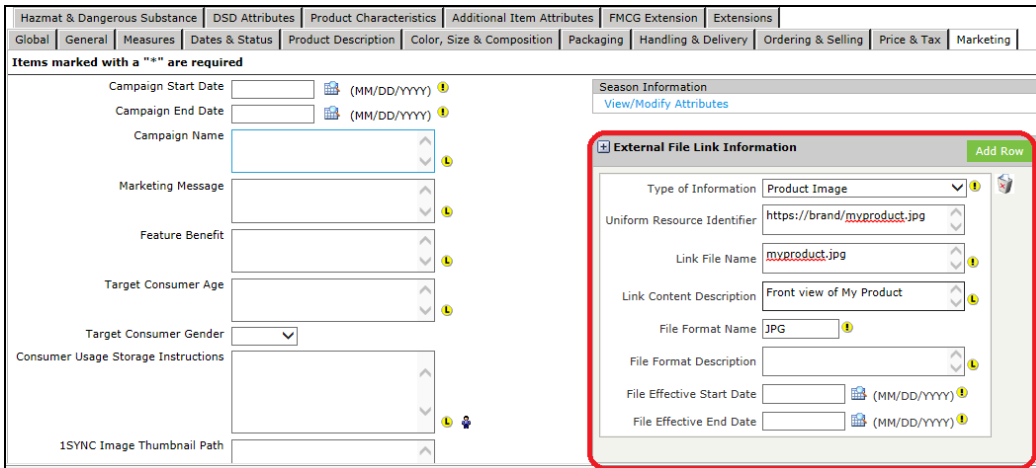
Participant Dictionary

From the Data Source perspective, these attribute sets (1WorldSync-hosted vs. Data Source-hosted) are independent of each other. Data Recipients, however, will receive both sets of attributes (whichever are populated) in the outbound synchronization.   There is no distinction to the recipient of whether the attributes are for 1WorldSync vs Data Source hosted assets.

Table: Digital Asset Management Attributes

Data Asset Management Attribute Name	Attribute for 1WorldSync-Hosted assets	Attribute for Data-Source Hosted assets?
Type of Information	Yes	Yes
File Name	Yes	Yes
Content Description	Yes	Yes
Content Description Language	Yes	Yes
File Format Name *	Yes	Yes
File Format Description	Yes	Yes
File Format Description Language	Yes	Yes
Uniform Resource Identifier URI	Yes	Yes
File Effective Start Date Time	Yes	Yes
File Effective End Date Time	Yes	Yes
File Version	Yes	**No**
File Size	Yes	**No**
File Size UOM	Yes	**No**
File Pixel Height	Yes	**No**
File Pixel Width	Yes	**No**
File Print Height	Yes	**No**
File Print Height UOM	Yes	**No**
File Print Width	Yes	**No**
File Print Width UOM	Yes	**No**

File Aspect Ratio	Yes	**No**
File Colour Scheme Code	Yes	**No**
File Camera Perspective	Yes	**No**
File Camera Perspective Language	Yes	**No**
Is File Background Transparent	Yes	**No**
Is File for Internal Use Only	Yes	**No**
Can Files Be Edited	Yes	**No**
Is Talent Release on File	Yes	**No**
File Usage Restriction	Yes	**No**
File Usage Restriction Language	Yes	**No**
Intended Publication Country	Yes	**No**
File Copyright Description	Yes	**No**
File Copyright Description Language	Yes	**No**
File Disclaimer Information	Yes	**No**
File Disclaimer Information Language	Yes	**No**
Primary Image	Yes	**No**

* For the attribute File Format Name: 1WorldSync will inspect the files to ensure only the following valid MIME types are received:

Name	MIME Type	File Extension
JPEG images	image/jpeg	.jpeg, .jpg
Graphics Interchange Format	image/gif	.gif
Bitmap Image File	image/bmp; image/x-ms-bmp	.bmp
Icon Image	image/x-icon	.ico
Portable Network Graphics (PNG)	image/png	.png

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Tagged Image File Format	image/tiff	.tiff
Waveform Audio File Format (WAV)	audio/x-wav	.wav
Microsoft Windows Media Audio	audio/x-ms-wma	.wma
MIDI - Musical Instrument Digital Interface	audio/midi	.midi
MPEG Audio	audio/mpeg	.mpga
MPEG-4 audio	audio/mp4	.mp4a
Real Audio Sound	audio/x-pn-realaudio	.ram
RealMedia	application/vnd.rn-realmedia	.rm
Flash Video	video/x-flv	.flv
3GP/3GP2	video/3gpp; video/3gpp2	.3gp, 3g2
Audio Video Interleave (AVI)	video/x-msvideo	.avi
Microsoft Windows Media Video	video/x-ms-wmv	.wmv
MPEG Video	video/mpeg	.mpeg
MPEG4 Video	video/mp4	.mp4, .mov
Adobe Portable Document Format	application/pdf	.pdf
Digital multimedia file	video/webm	.webm
Zip Archive	application/zip	.zip

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APPENDIX X – PARTICIPANT DICTIONARY CHANGE RECORD

Below is a listing of the recent changes that have occurred in this document, with the most recently changed document versions listed first.

Release 6.8.16 Version 1 Updates (March 1, 2015)

Attribute/Appendix Name	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required		
Third Party Content	No	Added new attribute to the AVP Appendix

Release 6.8.15 Version 1 Updates (Oct 30, 2014)

Attribute/Appendix Name	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required		
Product Serving Size	No	Edited business Rule with business rationale rule: If a serving size as stated on a label is 100gr but once prepared like Instant packaged soup is 200ml, this would be the 200 ml This is the prepared basis of serving size
Appendix AVP – GDSN CIN AVP Extension Information	No	Added the following AVP MARKETING & CONTACT INFORMATION attribute: • tradeItemFeatureBenefitExpanded Added the following AVP Food attribute: • notSignificantSourceOfNutrient
Serving Size Instance	No	Edited the Business Description with: Value is mapped inbound only if within "Serving Size Instance Code" valid values list.

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Participant Dictionary

Release 6.8.13 Version 1 Updates (July 23, 2014)

Attribute/Appendix Name	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required		
Is Trade Item Auto Powered Down Enabled When Shipped To Customer	No	Edited attribute name by removing the second "r".
Casing Tare Weight UOM	No	Edited attribute description by adding a reference to Casing Tare Weight.
Returnable Package deposit Code Origin Agency	No	Edited attribute Occurrence to be 0 or 1.
Is Packaging Suitable for Air Shipment	No	Edited attribute Occurrence to be 0 or 1.
Regulated Product Name	No	Edited to Min/Max Length to be 1/500.
Servings Per Pack	No	Edited description to include the following statement: "Recommended practice is to no longer use this attribute. Instead, the attributes Number of Servings Per Package (if integer) or Number of Servings Per Package Decimal (if decimal) should be used".
Appendix AVP – GDSN CIN AVP Extension Information	No	Added the following AVP Food attributes: - Alcoholic Product Beverage Type - Alcoholic Product Colour - Alcoholic Product Region - Alcoholic Products Type OfTaste - Vintner - Alcoholic Product Vine Variety - alcoholProductsClosingTypeOfBottle - Catch Area - Catch Date Time - Catch Method - Cheese Colouring - Cheese Maturation Container Process Type - Cheese Maturation Period Description - Cheese Salt Content Percentage - Cheese Type Of Salt - German Food Code And Nutrient Base - Is Returnable Asset Empty?

Participant Dictionary

Attribute/Appendix Name	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required		
		• Milk Fat In Milk Content • Milk Products • Organic Product Country Of Origin Farming • Organic Product Place Of Farming • Production Method For Fish And Seafood Code • Product Serving Size • Trade Item Form Code Added the following AVP PRODUCT DESCRIPTION & ALTERNATES attributes: • bFR Additional Identification Code • Is Trade Item Medical Device? Added the following AVP MANUFACTURING, HANDLING, & DELIVERY attributes: • Import Classification Region Of Origin Added the following AVP MARKETING & CONTACT INFORMATION attributes: • Last Permitted Sales Date • Production Facility Name • Package Date Reason Type • Trade Item Key Words • Sun Protection Factor • Feed Type Added the following AVP MEASURES attributes: • Net Volume Added the following AVP PACKAGING attributes: • Sinfos Packaging Type Code Added the following AVP PRICE, TAX, & PAYMENT attributes: • Is Trade Item A Combination Item?
Appendix III. Trade item Attributes	No	Added the following attribute: • Statistical Reporting Measurement • dangerousSubstanceInformation/dangerousSubstancesWasteCode/externalAgencyName • dangerousSubstanceInformation/dangerousSubstancesWasteCode/externalCodeListName • dangerousSubstanceInformation/dangerousSubstancesWasteCode/externalCodeListVersion • dangerousSubstanceInformation/dangerousSubstancesWasteCode/dangerousSubstancesWasteCodeValueI

Attribute/Appendix Name	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required		
		nformation/dangerousSubstancesWasteCodeValue • dangerousSubstanceInformation/dangerousSubstancesWasteCode/dangerousSubstancesWasteCodeValueInformation/dangerousSubstancesWasteCodeDefinition • dangerousSubstanceInformation/dangerousSubstancesWasteCode/dangerousSubstancesWasteCodeValueInformation/dangerousSubstancesWasteCodeDescription • dangerousSubstanceInformation/dangerousSubstancesWaterSolubilityCode • dangerousSubstanceInformation/dangerousSubstanceGasDensity • dangerousSubstanceInformation/dangerousSubstanceHeatOfCombustion • dangerousSubstanceInformation/dangerousSubstance/dangerousSubstancePhaseOfMatter • dangerousSubstanceInformation/dangerousSubstance/flammableSubstanceInformation/flammableSubstanceMinimumPercent • dangerousSubstanceInformation/dangerousSubstance/flammableSubstanceInformation/flammableSubstanceMaximumPercent
Appendix FB – GDSN Food and Beverage CIN Extension Information	No	Added the following attributes to the Food and Bev Extension: • Serving Size Instance • Minimum Optimum Consumption Temperature • Maximum Optimum Consumption Temperature • Preservation Technique Code • Rennet Type Code

Participant Dictionary

Release 6.8.12 Version 1 Updates (June 11, 2014)

Attribute/Appendix Name	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required		
Appendix AVP – GDSN CIN AVP Extension Information	No	Added the following AVP FDA Medical (UDI) attributes: • Clinical Size Type2 • Clinical Size Value2 • Clinical Size Text2 • Clinical Size Type3 • Clinical Size Value3 • Clinical Size Text3 • Clinical Size Type4 • Clinical Size Value4 • Clinical Size Text4 • donationIdentificationNumberMarked Added the following Food & Beverage Attributes: • AdditiveStatementFormattingPattern • dailyValueIntakePercentMeasurementPrecisionCode • dateOfCatchProcessTypeCode • dosageRecommendation • dosageRestrictionLimits • drugPreparations • drugSideEffectsAndWarnings • extendedAllergenTypeCode • fatPercentageInDryMatter • foodCompositionDescription • ingredientOfConcernCode • nonFoodIngredientStatement • preparationInstructionsFormattingPattern • rankBelowSpecies • servingSizeGramWeight • speciesForFisheryStatisticsPurposesCode • speciesForFisheryStatisticsPurposesName • storageStateCode • targetedConsumptionBy • unspecifiedPreparationTypePreparationInstructions • mustTradeItemBeChilled Added the following AVP MANUFACTURING, HANDLING, & DELIVERY Attributes: • brandDistributionTradeItemType • countryOfOriginStatement Added the following AVP MARKETING & CONTACT

Participant Dictionary

Attribute/Appendix Name	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required		
		INFORMATION Attributes: • consumerUsageCode • consumerUsageDescription • consumerUsageInstructionsFormattingPattern • consumerUsageLabelAgency • consumerUsageLabelStandard • displayTypeCode • isPrivateLabel • isTradeItemSoldInSpecialtyRetail • recommendedAreaOfConsumerPickUpCode

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Release 6.8.11 Version 1 Updates (April 8, 2014)

Attribute/Appendix Name	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required		
Attribute Pages	No	Added the following Digitial Asset Management attributes: • fileVersion, fileSize & fileSizeUOM, filePixelHeight, filePixelWidth, filePrintHeight & filePrintHeightUOM, filePrintWidth & filePrintWidthUOM, fileAspectRatio, fileColourSchemeCode, fileCameraPerspective, isFileBackgroundTransparent, isFileForInternalUseOnly, canFilesBeEdited, isTalentReleaseOnFile, fileUsageRestriction, intendedPublicationCountry, fileCopyrightDescription, fileDisclaimerInformation Updated the following attributes for Digital Asset Management: • Type of Information • File Name • Content Description • Content Description Language • File Format Name • File Format Description • File Format Description Language • Uniform Resource Identifier URI • File Effective Start Date Time • File Effective End Date Time
Appendix DM	No	Added Appendix DM – Digital Asset Management to help explain the use of the attributes for 1WorldSync-Hosted vs. Data Source-Hosted digital assets.

![WORLD SYNC logo] **Participant Dictionary**

Release 6.8.10 Version 1 Updates (March 12, 2014)

Attribute/Appendix Name	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required		
Attribute Pages	No	Added the following attribute definitions: • Trade Item Included Accessories • Grade Code • Grade Code Agency • Grade Code List Identification • Brand Owner Additional Id Type • Brand Owner Additional Id Value • Information Provider Additional Id Type • Information Provider Additional Id Value • Dangerous Substance Water Hazard Code attributes
Appendix AVP – GDSN CIN AVP Extension Information	No	Added the following attributes to the AVP Extension: • commercialType • innerFleshColourCode • postProcessTradeItemTreatmentPhysicalCode • produceSeedPresenceTypeCode • species • produceVarietyType • maturityatTimeofSale • postHarvestTreatmentChemicalCode • genus • fDAUnitOfUseGTIN • isTradeItemExemptFromDirectPartMarking • isPackageMarkedWithManufactureDate • consumerSalesCondition • fDAGUDIDPublishDate
Appendix FD – GDSN CIN Food and Beverage Extension Information	No	Added the following attributes to the Food and Extension: • Is RindEdible • Is RipenedInRind • Is Homogenised • Grape Variety Code • Ingredient Purpose • Ingredient Source Animal Code

Participant Dictionary

Attribute/Appendix Name	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required		
Appendix APP – GDSN CIN Softlines (Clothing & Apparel) Extension Information	No	Added the the Softlines Extension
Appendix AUD – GDSN CIN Audio, Video, and Photography Extension Information	No	Added the Audio, Video, and Photography extension.

Release 6.8.8 Version 1 Updates (December 4, 2013)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix AVP – GDSN CIN AVP Extension Information	584	No	• Added 40 new AVP Food and Beverage attributes to support EU 1169 Functionality. • Added 2 new general AVP attributes

Release 6.8.7 Version 1 Updates (October 3, 2013)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Attribute Pages	553	No	Added the following attribute definitions: • Language Specific Brand Name

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Attribute Pages and All Extensions	Various	No	Updated all attributes so that 1SYNC XML Name now includes the fully qualified path in the 1SYNC Schema.
Appendix RD – RDD Attributes	Various	No	Updated list to include all RDD Attributes
Appendix Q – Global Attributes	Various	No	Updates list to include all Global Attributes

Release 6.8.6 Version 1 Updates (August 20, 2013)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix AVP – GDSN CIN AVP Extension Information	584	No	• Added 6 new AVP Food and Beverage attributes to support 100 Gram Functionality • Added 1 new AVP Packaging Attribute

Release 6.8.5 Version 2 Updates (June 17, 2013)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix AVP – GDSN CIN AVP Extension Information	584	No	• Added all Australian Healthcare AVP Attributes • Added all McDonald's AVP Attributes

Release 6.8.5 Version 1 Updates (May 22, 2013)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix HC – GDSN HealthCare CIN Extension	585	No	• Added the following attributes: o doesSaleOfTradeItemRequireGovernmentalReporting o isTradeItemConsideredDopingProduct o isTradeItemMarkedNoShake o mRICompatibilityCode o prescriptionTypeCode o isTradeItemRequiredToRemainSterile o hlcOrderableReturnableConditionsCode o hlcLastReturnableDateTime o psychotropicSubstance/externalAgencyName o psychotropicSubstance/externalCodeListName o psychotropicSubstance/externalCodeListVersion o psychotropicSubstance/enumerationValueInformation/enumerationValue o psychotropicSubstance/enumerationValueInformation/enumerationValueDefinition o psychotropicSubstance/enumerationValueInformation/enumerationValueDescription o routeOfAdministration/externalAgencyName o routeOfAdministration/externalCodeListName o routeOfAdministration/externalCodeListVersion o routeOfAdministration/enumerationValueInformation/enumerationValue o routeOfAdministration/enumerationValueInformation/enumerationValueDefinition o routeOfAdministration/enumerationValueInformation/enumerationValueDescription
Attribute Pages	Various	Yes	Added the following attribute definitions: • Item Variant Master • Quantity of Batteries Built In
Appendix AVP – GDSN CIN AVP Extension Information	584	No	Added Contact Name attribute details

Release 6.8.1 Version 2 Updates (December 7, 2012)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix FB – GDSN Food and Beverage CIN Extension	585	No	• Updated external link for VVs applicable to nutrientTypeCode • Added back fatInMilkContent
Attribute Pages	Various	Yes	Modified the following attribute definitions: • fatContentBasisOfMeasure • batteryWeight • batteryWeightUOM • productMarkedWithIngredients • linkFileName • shippingContainerContentsDescription • tradeChannel
Appendix SA – GS1 South Africa R146 Extension	700	No	Added saNutritionalClaim & saNutrientAdditionalInfo attributes to extension.

Release 6.8.1 Version 1 Updates (November 20, 2012)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Updated TC-TECHNICAL CHARACTERISTICS extension	1018	No	• Update extension with new definitions
Appendix FB – GDSN Food and Beverage CIN Extension	585	No	Added the following attributes to the extension: • nutritionalClaimCode • compulsoryAdditivesLabelInformation • dailyValueIntakeReference

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Participant Dictionary

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix AVP – GDSN CIN AVP Extension Information	452	No	Added the following attributes to the extension: • regulatedProductName • labelDescription • placeOfProvenance • placeOfBirth • placeOfRearing • placeOfSlaughter • communicationAddress • servingsPerPackage • compulsoryAdditivesLabelInformation

Release 6.8 Version 2 Updates (October 4, 2012)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix CHEM – Chemical Ingredient Extension	585	No	• Added New extension and all associated attributes

Release 6.8 Version 1 Updates (June 22, 2012)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			

Participant Dictionary

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix FB – GDSN Food and Beverage CIN Extension	585	No	Added the following attributes to the extension: • partyInRole • physiochemicalProperties • certificationStartDate • certificationEndDate • nutritionLabelTypeCode
Removal of Deprecated Extensions	Various	Yes	Removed the following extensions and moved attributes into the core attribute section: Appendix BAR – BarCode Extension Appendix FMC – FMCG Extension Appendix HRD – Hardlines Extension Appendix OFC – Office Supplies Extension Appendix REG – Regulatory Extension
Appendix NGLU – GDSN Non GTIN Logistical Unit CIN Extension	421	No	Added Is Non-GTIN Logistic Unit Packed Irregularly? to the extension.
Appendix EG – Electronic Games		Yes	Removed the following attributes from the extension and added them to the core attributes pages: • areBatteriesIncluded • areBatteriesRequired • batteryType • quantityOfBatteriesRequired
Attribute Pages	Various	Yes	Modified the following attribute definitions: • orderingUnitOfMeasure • volume • productDescription • isBarcodeSymbologyDerivable • eanuccCodeType • eanuccCode • couponFamilyCode • orderingUnitOfMeasure • primaryDeliveryMethod

Participant Dictionary

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
<td colspan="4" style="background:yellow">Customers should review attributes they are utilizing to determine if there is any immediate action required</td>			
Attribute Pages	Various	Yes	Added the following attribute pages: • areBatteriesIncluded • areBatteriesRequired • batteryTypeInformation/areBatteriesBuiltIn • batteryTypeInformation/batteryTechnologyType • batteryTypeInformation/batteryType • batteryTypeInformation/quantityOfBatteriesBuiltIn • batteryTypeInformation/quantityOfBatteriesRequired • batteryTypeInformation/batteryWeight • regulatoryAct • regulatoryAgency • permitIdentification/permitStartDate • permitIdentification/permitEndDate • permitIdentification/permitNum • individualUnitMax • individualUnitMin • shippingContainerContentsDescription • isTradeItemRecalled • unitsPerTradeItem • nestingIncrement • outOfBoxInformationDepth • outOfBoxInformationHeight • outOfBoxInformationWidth • returnGoodsPolicy • urlForWarranty • warrantyInformationDescription • isFrostResistant • tradeItemTemperatureConditionTypeCode • tradeItemConditionTypeCode • isAssemblyRequired • isProductCustomizable • isTradeItemANonFunctioningDisplayUnit • isTradeItemDirectShippable • isTradeItemShippedInMultipleContainers • officeReturnGoodsPolicy • postConsumerRecycledMaterialContent • totalRecyclableContent • isRadioFrequencyIDOnPackaging • totalNumberOfComponents • componentNumber • descriptionOfContents

Participant Dictionary

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Attribute Pages (Continued)	Various	Yes	Added the following attribute pages: • componentHeight • componentWidth • componentDepth • componentGrossWeight • componentDescription • componentIdentification • primaryAlternateTradeItem • dependentProprietaryTradeItemGTIN • consumerPackageDisclaimer • warningCopyDescription • outOfBoxInformation/depth • outOfBoxInformation/height • outOfBoxInformation/width • displayDimensionDepth • displayDimensionWidth • flammableAerosolContainmentCode • flammableGasWeight • aDRTunnelRestrictionCode • aDRDangerousGoodsLimitedQuantitiesCode • dangerousGoodsRegulationAgency • inBoxCubeDimensions • safetyPhraseCode/externalAgencyName • safetyPhraseCode/externalCodeListName • safetyPhraseCode/externalCodeListVersion •safetyPhraseCode/enumerationValueInformation/enumerationValue •safetyPhraseCode/enumerationValueInformation/enumerationValueDefinition •safetyPhraseCode/enumerationValueInformation/enumerationDescription • isPackagingSuitableForAirShipment • cataloguePrice/sheetName • suggestedRetail/sheetName • returnablePackageDepositCodeOriginAgency • TradeItemOperatingEnvironment • consumerSafetyInformation • shippingQuantityMinimum • supplierSpecifiedMinimumConsumerStorageDays • variableWeightAllowableDeviationPercentage • variableWeightRangeMaximum • variableWeightRangeMinimum

Release 6.7.7 Version 1 Updates (March 24, 2012)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix FB – GDSN Food and Beverage CIN Extension	585	No	Added productionVariantDescription & productionVariantEffectiveDate to the extension
Appendix SA – GS1 South Africa R146 Extension	700	No	Added new Appendix for this new extension
New Attribute Page	421	No	Added existSpecialRefuseObligations to the Participant Dictionary.

Release 6.7 Version 1 Updates (April 15, 2011)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			

Participant Dictionary

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
<td colspan="4" style="background-color:yellow">**Customers should review attributes they are utilizing to determine if there is any immediate action required**</td>
New attribute pages	Many	Possibly, if migrating from SINFOS connection	New attribute pages created to reflect both new attributes and attributes moving out of extensions. These include: • Hazardous Material Additional Information • Net Explosive Mass • Net Explosive Mass UOM • Contact Info GLN • Additional Party ID Type • Additional Party ID Value • Contact Type • Available Time • Channel Code • Channel Number • Communication Channel Target Market • Communication Channel Target Market Subdivision Code • Is Dangerous Substance? • Dangerous Substance Name • Risk Phrase Code Agency Name • Risk Phrase Code List Name • Risk Phrase Code List Version • Risk Phrase Code Value • Risk Phrase Code Description • Risk Phrase Code Definition • Is Trade Base Price Declaration Relevant?
"Hazmat" attributes	Many		Changed "Hazmat" tab name to "Hazmat & Dangerous Substance"
Appendix AVP – GDSN CIN AVP Extension Information	473	No	Multiple changes relating to migration of SINFOS attributes, including adding partyReceivingPrivateData and effectiveDate to the AVP SINFOS section.
Appendix FB – GDSN Food and Beverage CIN Extension	585	No	• Added Health Claims and Convenience Level to the extension. • Changed M/O/D for contentPercentage & percentageOfDailyValueIntake to "O". • Changed depenencies for IngredientSequence and IngredientName to not include fishCatchZone. • Changed dependencies for fishCatchZone & growingMethodCode to only show IngredientSequence and IngredientName

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix NGLU – GDSN Non GTIN Logistical Unit CIN Extension	647	No	Added new Appendix for this new extension
Appendix S – SINFOS Extension INFORMATION	698	No	Removed isTradeBasePriceDeclarationRelevant & added comment to indicate SINFOS extension will be sunset in November 2011.

Release 6.6 Version 3 Updates (December 20, 2010)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Organic Claim Agency	143	No	Updated Additional Comments field with correct attribute names
Organic Trade Item Code	144	No	Updated Additional Comments field with correct attribute names
Product Marked Recyclable	194	No	Updated Definition field to add clarity to implementation of this attribute
Total Units per Case	339	No	Removed oudated notes in Additional Comments field.
Appendix RD	438	No	Updated to reflect current list of valid Relationship Dependent Data enabled attributes.
Appendix AVP – GDSN CIN AVP Extension Information	452	No	• Added attribute "Is Trade Item Gluten Free?" • Removed attributes "Communication Channel" and "Communication Channel Type"

Release 6.6 Version 2 Updates (October 15, 2010)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Replaces GTIN	64	No	Corrected attribute definition to read "Indicates the GTIN of an item that is being permanently replaced by this trade item."
Returnable Asset Capacity Content	175	No	Updated attribute definition to add clarity, and included comprehensive examples in the Examples field to explain the purpose and usage of this attribute
Pricing on Product	190	Yes, if currently using this attribute	Updated dependency/validation logic in Additional Comments field to explain how this attributes is used in conjunction with the attribute "Consumer Unit Indicator"
Public Release Date	414	No	Added new page to represent this attribute (which was missing from initial IM Release 6.6 updates).
Appendix N – List of 1SYNC IM Mandatory Fields – Trade Item Attributes"	432	Yes, if using this appendix as a reference	Updated dependency and best practice information for 1SYNC and GDSN required attributes to conform with new IM Release 6.6 updates and enhancements
Appendix Q – Global Attributes	434	No	Added attributes Packaging Function, Usable Product Volume, Usable Product Volume UOM, Is Trade Item a Service?, Is Trade Item a Display Unit?, and Is Packaging Exempt from Refuse Obligation? to the list of Global attributes per IM Release 6.6 requirements.
Appendix V – Correctable Attributes	438	No	Added attribute Price Comparison Measurement to the list of Correctable attributes per IM Release 6.6 requirements.
Appendix AVP – GDSN CIN AVP Extension Information	452	No	• Added the following attributes: ○ personOrDepartmentName ○ contactPartyType • Removed the following attributes: ○ publicReleaseDate
Appendix FR – French Extension Information	589	Possibly, if utilizing this attribute	Added attribute isTradeItemAFullDisplayStand (note changes to mapping logic that have occurred since this attribute was initially introduced)

Release 6.6 Version 1 Updates (August 27, 2010)

Please note that the changes listed below reflect changes to standards and functionality with IM Release 6.6 (R6.6) and the corresponding GDSN Maintenance Release 4 (MR4), in addition to other corrections/errata that have been addressed since the previous version of this document and are unrelated to the current IM release.

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
New "core" attribute pages	many	Yes, if planning to implement these attributes	Added new "core" attribute pages for over 30 attributes per the requirements of IM Release 6.6 and GDSN Maintenance Release 4 (MR4). See the *IM 6.6 Release Notes* for details on these changes.
New CIN extension appendices	592, 663	Yes, if planning to implement these extensions	Added the following CIN extension appendices to reflect newly available sectors/extensions: • Appendix HLC – GDSN Healthcare CIN Extension Information • Appendix PRO – GDSN Promotional Trade Item CIN Extension Information
BMS version numbering change	many	No	All references to BMS 2.3 have been updated to read BMS 2.8
GTIN	10	No	Added note to Additional Comments to reflect restrictions for Netherlands Target Market
Brand name	18	No	Updated Type/Size field to reflect maximum length increase to to 70
Qty of Next Level Item(s)	19	Yes, if currently not in compliance	Added new validation to Additional Comments, stating: If the attribute "Is Trade Item Packed Irregularly" = 'No/false', then the value provided for the attribute "Qty of Next Level Item(s)" must equal the value produced when the "Num of Complete Layers Cont in Item/GTIN Pallet Hi (hi)" is multiplied by the "Num of Items in a Complete Layer/GTIN Pallet Ti (ti)."
Net Content	21	Yes, if currently not in compliance	Added the following note to the Additional Comments: Becomes required if Consumer Unit Indicator = 'Yes' (GUI) or 'true' (Batch)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Consumer Unit Indicator	24	No	• Updated M/O/D field to read "Dependent" • Added the following note to the Additional Comments: If Consumer Unit Indicator is set to 'Yes/true', then the "Net Content" attribute is required.
Is Trade Item Packed Irregularly?	27	Yes, if currently not in compliance	Removed previous validation (with Composition Depth and Width) listed in Additional Comments field and added new validation to Additional Comments, stating: If the attribute "Is Trade Item Packed Irregularly" = 'No/false', then the value provided for the attribute "Qty of Next Level Item(s)" must equal the value produced when the "Num of Complete Layers Cont in Item/GTIN Pallet Hi (hi)" is multiplied by the "Num of Items in a Complete Layer/GTIN Pallet Ti (ti)."
Packaging Type	34	No	Added the following note to the Additional Comments: Becomes required if any of the following attributes is populated: "Packaging Weight" "Packaging Function" "Usable Product Volume" "Is Packaging Exempt from Refuse Obligations?"
Hi	42	No	Added note to Additional Comments to reflect restrictions for Netherlands Target Market
Composition Depth	44	No	Removed validation reference to "Is Item Packed Irregularly" from the Additional Comments field
Composition Width	46	No	Removed validation reference to "Is Item Packed Irregularly" from the Additional Comments field
Invoice Unit Indicator	61	Yes, if currently not in compliance	Added the following note to the Additional Comments: Note: This attribute must be marked as 'Yes/true' for at least one level of an item hierarchy
Replaces GTIN	64	No	Added note to Additional Comments to reflect restrictions for Netherlands Target Market
Generic Ingredient	102	No	Minor edit to clarify definition
Generic Ingredient Strength	103	No	Minor edit to clarify definition
Effective Date	117	No	Corrected Global/TM field – previously read "Global" but this is a Target Market attribute
Product Description	128	No	Modified Definition, Examples, and Business Case fields to add clarity to the implementation of this attribute

Participant Dictionary

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Product Color Description	137	No	Updated Additional Comments field to provide the correct GDSN-specific dependency information
Color	138	No	• Corrected Lang Specific field to read "No" • Updated Additional Comments field to provide the correct GDSN-specific dependency information
Color Code Maintenance Agency	139	No	Updated Additional Comments field to provide the correct GDSN-specific dependency information
Product Size Code	140	No	Corrected Lang Specific field to read "No"
Product Size Code Maintenance Agency	141	No	Corrected Lang Specific field to read "No"
Descriptive Size Dim	151	No	Corrected M/O/D field to read "Optional"
Material Code	155	No	• Corrected M/O/D field to read "Optional" • Updated Additional Comments field to remove incorrect reference to dependency/mapping logic
Material Agency Code	156	No	• Corrected M/O/D field to read "Optional" • Updated Additional Comments field to remove incorrect reference to dependency/mapping logic
Material Content	157	No	Updated Additional Comments field to clarify the dependency/mapping logic for this attribute
Material Percentage	158	No	Updated Additional Comments field to clarify the dependency/mapping logic for this attribute
Pricing on Product	190	Yes, if using both affected attributes	Added the following note to the Additional Comments: "Pricing on Product" can only be populated as 'Yes/true' if 1SYNC attribute "Consumer Unit Indicator" has also been populated as 'Yes/true'.
Stacking Factor	218	No	Added note to Additional Comments to reflect restrictions for Netherlands Target Market
Storage/Handling Temp UOM	233, 235	No	Corrected previous oversight by splitting into 2 separate attribute pages – one to represent the UOM for Storage Handling Temp Min and one to represent the UOM for Storage Handling Temp Max
Name of Ship From Party	246	No	Updated Type/Size field to reflect maximum length increase to 200
Dangerous Goods Hazardous Code	326	No	Corrected Occurrence field to read "0 or 1"
Is Ingredient Irradiated?	420	No	Updated "Reference" field to indicate that this attribute uses the "Non-Binary Logic Codes" valid value code list; removed full list of valid values from Additional Comments

Participant Dictionary

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Is Raw Material Irradiated?	421	No	Updated "Reference" field to indicate that this attribute uses the "Non-Binary Logic Codes" valid value code list; removed full list of valid values from Additional Comments
Is Trade Item Irradiated?	422	No	Updated "Reference" field to indicate that this attribute uses the "Non-Binary Logic Codes" valid value code list; removed full list of valid values from Additional Comments
Genetically Modified	423	No	Updated "Reference" field to indicate that this attribute uses the "Non-Binary Logic Codes" valid value code list; removed full list of valid values from Additional Comments

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			

Appendix AVP – GDSN CIN AVP Extension Information	452	No	• Added the following attributes:
			  o doesTradeItemCarryUSDAChildNutritionLabel
			  o incotermEventCountryCode
			  o individualUnitMin
			  o individualUnitMinUOM
			  o individualUnitMax
			  o individualUnitMaxUOM
			  o shippingContainerContentsDescription
			• Removed the following attributes:
			  o additionalProductPackagingFeaturesCode
			  o alternativeOrEquivalentProduct
			  o avpPaymentMethodType
			  o contactPartyAddress
			  o dateFormatOnPackage
			  o doesPurchPriceInclExciseTaxPdBySupplier
			  o electronicWasteRecyclingActFee
			  o electronicWasteRecyclingActFeeAgency
			  o electronicWasteRecyclingActFeeCurrency
			  o flammableSubstanceContainedMaximum
			  o flammableSubstanceContainedMinimum
			  o flammableSubstanceName
			  o foreignLanguagesOnPackaging
			  o geneticallyModifiedIngredients
			  o hazardousSymbols
			  o hazMatStorageSpecialRiskCode
			  o isPackagingReusable
			  o isSubjectToPackagingRecyclingTaxFeeDuty
			  o isSubjectToRecyclingTax
			  o isTradeItemGiftWrapped
			  o itemVariantMaster
			  o netExplosiveMassOfSubstance
			  o packagingElementsQuantity
			  o packagingRecyclingSystem
			  o paymentTypeCode
			  o productWasteRecyclingActEndDate
			  o productWasteRecyclingActStartDate
			  o purchaseOrderReceiverIdentification
			  o purchaseOrderReceiverRole
			  o taxExemptAgency
			  o taxTypeCodeEffectiveStartDate
			  o variableWtAllowDeviationPercentage
			  o associationType
			  o contactPartyType
			  o isTradeItemAService
			  o nonPromotionalItem
			  o personOrDepartmentName
			  o promotionalTypeCode
			  o substitutedByGTIN
			  o substitutedGTIN
			  o hasMemoryCardReader
			  o handlingInstructionsDescription
			  o handlingInstructionsCodeAgency
			  o freeQtyOfNextLowerLevel
			  o freeQtyOfNextLowerLevelUOM
			  o isTradeItemHanging
			  o usableProductVolume
			  o usableProductVolumeUOM
			  o firstReturnableDateTime
			  o dangerousSubstancesPhaseOfMatter
			  o isPackagingExemptFromRefuseObligation
			  o packagingRefuseObligationName

Participant Dictionary

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			

Appendix EG – GDSN Electronic Gaming CIN Extension Information	555	No	• Removed the "trigger attribute" documentation. Any attribute populated will generate the extension.
			• The following attributes were made optional
			   ○ electronicGameTitle
			   ○ gameFormat

Appendix FB – GDSN Food and Beverage CIN Extension Information	562	No	• Added new Food and Beverage attributes:
			   ○ growingMethodCode
			   ○ manufacturerPreparationTypeCode
			   ○ nutritionalProgramCode
			   ○ ingredientCountryOfOrigin

Appendix FR – French Extension Information	583	No	• Removed the following attributes: isTradeItemAFullDisplayStand, isTradeItemAService, tradeItemPromoOfferDescription, tradeItemPromoOfferNetFreeQty, tradeItemPromoOfferNetFreeQtyUOM • Updated the extension version number and schema path
Appendix NTH – Netherlands CIN Extension Information	623	No	• Corrected missing GDSN names for nonGTINPalletGrossWeight and nonGTINPalletHeight • Added missing validation for cataloguePriceBasis, cataloguePriceBasisUnitOfMeasure, suggestedRetailPriceBasisPerUnit, suggestedRetailPriceBasisPerUnitUOM
Appendix OFC – GDSN CIN Office Supplies Extension Information	652	No	• Added validation to attributes: primaryAlternateTradeItem, dependentProprietaryTradeItemGTIN • Deleted attributes that were no longer being mapped prior to this release: warrantyDescription, urlForWarranty, warrantyDescription, urlForWarranty, displayDimensionDepth, displayDimensionDepthUOM, displayDimensionHeight, displayDimensionWidth, displayDimensionHeight, displayDimensionWidth, displayDimensionWidthUOM, outOfBoxInformationDepth, outOfBoxInformationDepthUOM, outOfBoxInformationHeight, outOfBoxInformationHeightUOM, outOfBoxInformationWidth, outOfBoxInformationWidthUOM

Participant Dictionary

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix RC – Regulatory Compliance CIN Extension Information	669	No	• Updated the Occurrence of the following attributes: permitNum, permitStartDate, permitEndDate

Release 6.5 Version 3 Updates (January 29, 2010)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Volume UOM	78	No	Corrected the "Type/Size" field to read "VV/5"
Gross Weight	79	No	Added note to Additional Comments: "If the value populated for Pallet Code = 27 ("Platform of Unspecified Weight or Dimension"), do not include the weight of the pallet itself in the Gross Weight measurement."
Pallet Code	186	No	Added note to Additional Comments: "If the value populated for Pallet Code = 27 ("Platform of Unspecified Weight or Dimension"), do not include the weight of the pallet itself in the Gross Weight measurement."
Percent Of Product Components Labeled For Disassembly And Recycling	339	No	Added 1SYNC XML name "percentOfProductComponentsLabeledForDisassemblyAndRecycling", which was previously missing from attribute page
Is Ingredient Irradiated	383	No	Corrected the erroneous omission of valid value "NOT_APPLICABLE" in Additonal Comments field
Is Raw Material Irradiated	384	No	Corrected the erroneous omission of valid value "NOT_APPLICABLE" in Additonal Comments field
Is Trade Item Irradiated	385	No	Corrected the erroneous omission of valid value "NOT_APPLICABLE" in Additonal Comments field
Genetically Modified	386	No	Corrected the erroneous omission of valid value "NOT_APPLICABLE" in Additonal Comments field

Participant Dictionary

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix AVP – GDSN CIN AVP Extension Information	415	No	• Added new TAIWAN attributes: 　○ c4p4ItemCode 　○ c4p4PromotionPurchasePrice 　○ c4p4PromotionPurchasePriceEndDate 　○ c4p4PromotionPurchasePriceStartDate 　○ c4p4PurchasePrice 　○ c4p4PurchasePriceStartDate • Removed AVP SUSTAINABILITY attributes: 　○ electicalUsageClassModeCode 　○ electricalUsageClassCode 　○ percentageOfPlasticComponentsMadeFromAPlantBasedMaterial 　○ percentOfProductComponentsLabeledForDisassemblyAndRecycling 　○ tradeItemDefaultTimeLimitOfAutoPowerDownFunctionUOM 　○ tradeItemDefaultTimeLimitOfAutoPowerDownFunctionValue

Release 6.5 Version 2 Updates (December 22, 2009)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Depth	69	No	Updated definition to read: The measurement of the depth of the trade item, as defined in the GS1 Package Measurement Rules (http://www.gs1.org/docs/gsmp/gdsn/GDSN_Package_Measurement_Rules.pdf)
Height	71	No	Updated definition to read: "The measurement of the height of the trade item, as defined in the GS1 Package Measurement Rules (http://www.gs1.org/docs/gsmp/gdsn/GDSN_Package_Measurement_Rules.pdf)""
Width	73	No	Updated definition to read: The measurement of the width of the trade item, as defined in the GS1 Package Measurement Rules (http://www.gs1.org/docs/gsmp/gdsn/GDSN_Package_Measurement_Rules.pdf)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Gross Weight	79	No	Clarified "Additional Comments" in regard to including the weight of the pallet in the US market

Release 6.5 Version 1 Updates (November 20, 2009)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Global Item Classification Code (GPC Code)	35	No	Updated "Reference" field with the following note: For additional information on using GPC codes (including how to get started with product classification and how to find allowable brick and attribute values), please refer to the GPC website at http://www.gs1.org/gdsn/gpc .
Tax (Rate) Type Code	245	No	Updated Type/Size field to correctly read AN/14
Appendix AVP – GDSN CIN AVP Extension Information	415	No	• Added new AVP ELECTRONICS & APPLIANCES attributes: ○ featuredCycleTypes ○ hasChildSafetyLock ○ hasTimedShutoff ○ hasWarmingDrawer ○ hasWashingSoilSensor ○ scrollWheelType ○ singleTankRunTime ○ washCycleCapabilities • Updated GDSN CIN Extension Name & Outbound 1SYNC XML Name for AVP AUSTRALIA attributes: ○ milkLevyCurrency ○ nestingOverlapUOM ○ nonGTINPalletDepthUOM ○ nonGTINPalletNetWeightUOM ○ nonGTINPalletVolumeUOM ○ nonGTINPalletWidthUOM

Release 6.4.1 Version 2 Updates (June 30, 2009)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Key Terms Section	6	No	Added clarification and examples for the terms and abbreviations represented in the "Type/Size" field.

Participant Dictionary

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
"GTIN Name"	11	No	Removed "Data Source 1SYNC XML Only" note from 1SYNC XML Attribute Name field. (This attribute can be received from Data Sources who utilize the 1SYNC Data Pool. Data Recipients will also require a special configuration to receive this attribute on the 1SYNC XML CIN.)
"Volume"	77	No	Removed "Data Source 1SYNC XML Only" note from 1SYNC XML Attribute Name field. (This attribute can be received from Data Sources who utilize the 1SYNC Data Pool. Data Recipients will also require a special configuration to receive this attribute on the 1SYNC XML CIN.)
"Product Description"	120	No	Updated Additional Comments field to clarify the "defaulting logic" applied to this attribute.
Appendix SI – SINFOS Extension Information	637	No	For attribute "Is Trade Item From Ecological Source", corrected 1SYNC XML Name from isTradeItemFromEcologicalSource (lowercase "t") to isTradeITemFromEcologicalSource (uppercase "T")

Release 6.4.1 Version 1 Updates (May 8, 2009)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Net Content	21	No	Added note to Additional Comments field: "To accommodate data sources who provide multiple Net Content values but whose data recipients only accept one value, for US Target Market GTINs, all imperial values will be supplied first, followed by metric, followed by neutral values. For non-US Target Market GTINs, all metric values will be supplied first, followed by imperial, followed by neutral values. If more than one imperial or metric value is provided, then these values will be supplied in alphabetical order based on the UOM code provided."

Participant Dictionary

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			

Appendix AVP – GDSN CIN AVP Extension Information	415	No	• applianceBaseColor – Updated Occurrence
			• averageMillisecondsOfDiskSeekTime – Updated Data Type and Min/Max Length
			• cordlessFrequency – Updated Data Type and Min/Max Length
			• cordlessFrequencyUOM – Updated Business Definition
			• displayIndicatorType – Updated Occurrence
			• dotPitch – Updated Min/Max Length
			• dotsPerInch – Updated Data Type and Min/Max Length
			• dvInputLocation – Updated Occurrence
			• filtrationTechnologyType – Updated Occurrence
			• fuelType – Updated Occurrence
			• hardDriveSize – Updated Data Type and Min/Max Length
			• hasCompass – Updated Data Type and Min/Max Length
			• lensType – Updated Occurrence
			• minimumRequiredProcessorSpeed – Updated Min/Max Length
			• minimumRequiredProcessorSpeedUOM – Updated Min/Max Length
			• pDAIneterfaceMethod – Updated Occurrence
			• photoPrintSpeed – Updated Data Type and Min/Max Length
			• quantityOfFanSpeeds – Updated Data Type and Min/Max Length
			• quantityOfSpeeds – Updated Data Type and Min/Max Length
			• radioTunerType – Updated Occurrence
			• recommendedProcessorSpeed – Updated Data Type and Min/Max Length
			• refreshRate – Updated Data Type and Min/Max Length
			• satelliteRadioService – Updated Occurrence
			• softwareTypesIncluded – Updated Occurrence
			• subwooferSize – Updated Data Type and Min/Max Length
			• typeOfBattery – Updated Occurrence
			• wooferSize – Updated Data Type and Min/Max Length
			• Added new AVP ELECTRONICS & APPLIANCES attributes:
			  o bottleCapacity
			  o ePeatQualifiedLevel
			  o hasSpeechRecognition
			  o navigationalFeatures
			  o quantityOfDelayedStartHours
			• Added new AVP SINFOS attributes:
			  o isPackagingExemptFromRefuseObligation
			  o packagingRefuseObligationName
			• Added new AVP PUBLISHING attributes:
			  o publisherName
			  o publisherNameGLN
			• Removed AVP ELECTRONICS & APPLIANCES attributes:
			  o contrastRatio
			  o dolbyDigitalCompatible
			  o frequencyResponse
			  o hasDelayedStart
			  o hasDolbyDigitalDecoder
			  o hasJewelCases
			  o hasPCIBusSlots

Release 6.4 Version 3 Updates (March 27, 2009)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Product Strength	90	No	Clarified definition to indicate that this attribute is not necessarily exclusive to pharmaceutical items.
Generic Ingredient	94	No	Clarified definition and examples to indicate that this attribute is not necessarily exclusive to pharmaceutical items.
Generic Ingredient Strength	95	No	Clarified definition to indicate that this attribute is not necessarily exclusive to pharmaceutical items.
Additional Item Attributes (AIA) attribute pages	Pages 322 to 380	Review if planning to implement attributes	The AIA attribute pages, added with IM Release 6.4, have been reviewed and when necessary changes have been made to the Definitions, Examples, Additional Comments, and other fields for clarification purposes only. In addition, these attribute pages have been re-ordered to reflect the way they are displayed in the IM User Interface (GUI).

Appendix AVP – GDSN CIN AVP Extension Information	415	No	• Added new AVP SINFOS attributes:
			  ○ dangerousSubstancesPhaseOfMatter
			  ○ flammableSubstanceName
			  ○ flammableSubstanceContainedMinimum
			  ○ flammableSubstanceContainedMaximum
			  ○ waterHazardType
			  ○ waterHazardAgencyName

Release 6.4 Version 2 Updates (February 27, 2009)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Order/sequence of core attribute pages	many	No	Re-ordered several recently added attribute pages corresponding to "Global" tab to reflect actual updated layout of Global tab in IM User Interface (GUI) with IM R6.4
Is Trade Item Packed Irregularly?	27	No	Changed attribute Definition to read: "Indicates that the item is packed in a non-rectilinear pattern such that it is not meaningful to send the number of child trade items in the width/depth/height."
Composition Depth	38	No	Updated Additional Comments field to note that this attribute should be populated as an integer with no decimal components.

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Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Composition Width	40	No	Clarified language in Definition field, corrected text in Examples field, and updated Additional Comments field to note that this attribute should be populated as an integer with no decimal components.
Size Group	141		Updated Additional Comments field to note that if this attribute is populated, then either Descriptive Size Dim or the combination of Size Dimension and Size Dimension UOM is required.
Size Type	142		Updated Additional Comments field to note that if this attribute is populated, then either Descriptive Size Dim or the combination of Size Dimension and Size Dimension UOM is required.
Size System	146		Updated Additional Comments field to note that if this attribute is populated, then either Descriptive Size Dim or the combination of Size Dimension and Size Dimension UOM is required.
Number of Layers Per Pallet/Non GTIN Pallet Hi	191		Clarified language in Definition field

Release 6.4 Version 1 Updates (February 13, 2009)

Due to the large number of changes to this document required with IM Release 6.4 (R6.4) and the corresponding GDSN Maintenance Release 3 (MR3), a general summary of updates is provided below (instead of a comprehensive listing of every update made to every attribute page in this document.)

Update	Description of Change
New Attribute Pages	Added new "core" attribute pages for over 60 attributes per the requirements of IM Release 6.4 and GDSN Maintenance Release 3 (MR3). See the *IM 6.4 Release Notes* for details on these changes.
Updates to Validation Logic – multiple attributes	Updated validation logic in "Additional Comments" field of multiple attribute pages per the requirements of IM Release 6.4 and GDSN Maintenance Release 3 (MR3). See the *IM 6.4 Release Notes* for details on these changes.

Participant Dictionary

Update	Description of Change
"Effective Date" attribute logic change	The logic around the attribute "Effective Date" has been updated in the Additional Comments field of this attribute page per the release requirements. See the *IM 6.4 Release Notes* for an important summary of this change.
New Global Attributes	The following attribute pages have added/updated to reflect that with IM R6.4 they are considered "Global" attributes: • Composition Width • Composition Width UOM • Is Trade Item Packed Irregularly? • Composition Depth • Composition Depth UOM Note that "Appendix Q – Global Attributes" has also been updated to reflect these changes.

Update	Description of Change
New RDD attributes	The following attribute pages have been updated to reflect that these attributes are enabled for Relationship Dependent Data (RDD): Exist Special Refuse Obligations Can Product Be Easily Upgraded Or Maintained By Consumer? Does Product Contain SCCPs? Electrical Usage Agency Code Electrical Usage Class Code Electrical Usage Class Mode Code Electrical Usage Class Resolution Code Electrical Usage Class Screen Area UOM Electrical Usage Class Screen Area Value Electrical Usage Sub Class Code Electrical Usage Subclassification Name Electrical Usage Trade Item Classification Agency Electrical Usage Trade Item Classification Name End Availability Date (existing attribute page) Is Hazardous Component Brokendown Easily For Recycling? Is Product A Pesticide? Is Product Aerosol? Is Product Chemical Not Intended For Human Consumption? Is Product Considered Universal Waste? Is Product Disassembly By Recycling Facility Completed Using Standard Tools? Is Product RPPC Compliant in Target Market? Is Product Subject To A Manufacturer Take Back Program? Is Trade Item Auto Powered Down Enabled When Shipped To Customer? Lead Time (existing attribute page) Lead Time UOM (existing attribute page) Manufacturer Take Back Program Currency Manufacturer Take Back Program Fee Materials That Fail RoHS Compliance Maximum Electrical Usage Class Mode UOM Maximum Electrical Usage Class Mode Value Maximum Energy Usage Time Period Maximum Energy Usage Time Period UOM Percent Of Product Components Labeled For Disassembly And Recycling Percentage Of Plastic Components Made From a Plant Based Material Product RoHS Compliance Code Trade Channel Trade Item Default Time Limit Of Auto Power Down Function UOM Trade Item Default Time Limit Of Auto Power Down Function Value

Update	Description of Change
CIN extension appendix changes	Per the requirements of IM Release 6.4 and GDSN Maintenance Release 3 (MR3), the following CIN extension appendices have been updated (See the *IM 6.4 Release Notes* for details): • AVP • Canada • Food & Beverage • FMCG • French • Office Supplies
Removed References to EDI	All references to the now-sunset EDI messaging format have been removed from this document
BMS version numbering change	All references to BMS 2.2 have been updated to read BMS 2.3

Release 6.3.1 Version 3 Updates (December 19, 2008)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Finish Description	123	No	Corrected Language Specific field to read "Yes"
Dangerous Goods A Margin Number	303	No	Updated Additional Comments field to remove the "suggested values" listed (which are no longer relevant) and clarify the GDSN CIN validation logic
Appendix L, Description Qualifier Codes	350	No	Removed Appendix L entirely, as this information is no longer relevant.

Release 6.3.1 Version 2 Updates (September 26, 2008)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Sub Brand	116	No	Removed erroneous note in Additional Comments field that previously referred to the attribute value being truncated at 35 characters on the GDSN CIN message. No such truncation occurs; GDSN supports the full 70-character field limit.
Appendix AG, Agentrics Extension Information	338	No	Updated Logic/Mapping Notes for various attributes to clarify attribute dependencies and validations. No functional/technical changes to attribute mapping.
Appendix AVP, GDSN CIN AVP Extension Information	350	No	Added new attributes: sHCCategory, sHCDivision, sHCOrderDUNS

Participant Dictionary

Release 6.3.1 Version 1 Updates (August 22, 2008)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Product PLU Description	118	No	Updated erroneous 1SYNC XML name to correctly read 'productPLU'
Casing Tare Weight	162	No	Minor edits to Definition and Additional Comments fields (for the sake of clarity only).
Type of Information	288	No	Added values for "Occurrence" and "Type/Size", which were previously missing from the attribute page
Appendix AVP, GDSN CIN AVP Extension Information	349	No	Added new attributes: First Returnable Date Time, WEEE Electrical Appliance Type, WEEE Registration Number, WEEE Electronic Waste Amount, WEEE Electronic Waste Amount UOM
Appendix CAN, GS1 Canada-Specific Attribute Information	455	No	• Updated Data Definition for attribute 'Not Legal to Advertise' (moved from a Boolean to a Multi-occurrence String with a 2/2 min/max length Canadian Province Codelist). • Added notes for attributes 'Not Legal to Advertise' and 'Not Legal to Discount' to indicate that they are relevant for RX products only
Appendix FB – GDSN Food And Beverage CIN Extension Information	468	No	• Added new attributes: Allergen Statement, Product Yield Type Code, Product Yield Variation, Product Yield, Product Yield UOM, Precautions, Nutritional Claim, Production Facility GLN, Diet Certification Agency, Diet Certification Number, Household Serving Size • Corrected mapping logic for Serving Size, Serving Size UOM, Serving Size Preparation State • Changed attribute from XML names to GUI names in Mapping and Logic Notes.
Appendix NTH – Netherlands CIN Extension Information	525	No	Added table listing the CBL and GPC codes applying to shelf life – for items with these CBL/GPC codes populated, the 'Min Product Lifespan from Arrival' attribute must also be populated to pass validation.

Release 6.3 Version 2 Updates (June 24, 2008)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Alternate Item Number	58	Yes, if you have started building to 80 characters inbound	Corrected Type/Size field to indicate that field length did not change with IM R6.3; the maximum length remains 18 characters (previous update that showed expanded length of 80 characters was made in error).

Release 6.3 Version 1 Updates (June 6, 2008)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Attribute pages throughout document	Many	No	Updated all references to "BMS 2.1" to correctly read "BMS 2.8"
1SYNC Brand Identity solution attributes -- multiple pages and new Appendix B	Many	No	With the release of the 1SYNC Brand Identity solution, a new Appendix B has been added to list the 18 attributes that may be subject to Brand Identity validations. A note has also been added to the Additional Comments field for each of these attribute pages to indicate that they are associated with Brand Identity validations.
~~Alternate Item Number~~	~~58~~	~~No~~	~~Updated Type/Size field to indicate that field length has been expanded from 18 to 80 characters.~~
Dangerous Goods Hazardous Code	299	No	Updated note in Additional Comments to state that the value for this attribute must be at least 3 characters (previously stated as 4 characters)
Appendix AVP, GDSN CIN AVP Extension Information	349		Added new attributes: Country Of Settlement, Departement Activite, Distance Each Packaging Material Traveled To Point Of Packaging, Groupe Tarifaire, Is Trade Item A Free Item?, Packaging Material Launch Date, Packaging Material Performance, Required Power Supply Wattage, Usable Product Volume, Variable Weight Range UOM

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix CAN, GS1 Canada-Specific Attribute Information	454		• Added new attributes: Percentage Of Water Content, Percentage Of Moisture Loss, Delivery Lead Time, Minimum Trade Item Days In Warehouse, Production Type, Expiry Date Format, Operator Description, Consumer Support Number, For More Info About Product, Package And Storage About Product, Is Custom Label?, Average Servings Per Case, Suggested Serving Size, Suggested Serving Size UOM • Updated Logic / Mapping Notes to remove reference to valid values list for attribute: Heat Of Combustion UOM
Appendix FB – GDSN Food And Beverage CIN Extension Information	467		Added new attribute: Serving Suggestion
Appendix TC - GDSN Specific Technical Characteristics CIN Extension	583	No	Added appendix TC for the GDSN Extension Specific Technical Characteristics CIN extension.

Release 6.2.2 Version 4 Updates (May 8, 2008)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
All attributes and Attribute Index (order of Attribute Pages in document)	many	No	Updates to ensure that the order of attribute pages in the document reflects the order in which they appear in the IM User Interface (GUI) screens. No changes to attribute information; this impacts only the attribute page numbers in this document.
TM Subdivision (Formerly "Target Market Subdivision Code")	59	No	Corrected the Attribute Name and 1SYNC IM GUI Field name to reflect that the actual name of this attribute in the IM User Interface is "TM Subdivision" (formerly this attribute was represented in this document as "Target Market Subdivision Code")
Effective Date	104	No	Updated Additional Comments to add detailed notes on attribute mapping logic for IM User Interface (GUI) users
Packaging Material Code	151	No	Updated Additional Comments and Reference fields to provide additional explanation of attribute mapping logic – a valid combination of the values for "Packaging Material Code" and "Material Code Agency" values must be provided to properly generate the value for "Packaging Material Description"

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Material Code Agency	152	No	Updated Additional Comments and Reference fields to provide additional explanation of attribute mapping logic – a valid combination of the values for "Packaging Material Code" and "Material Code Agency" values must be provided to properly generate the value for "Packaging Material Description"
Packaging Material Description	153	No	Updated Additional Comments and Reference fields to provide additional explanation of attribute mapping logic – a valid combination of the values for "Packaging Material Code" and "Material Code Agency" values must be provided to properly generate the value for "Packaging Material Description"
Returnable Package Deposit Currency (formerly "Returnable Package Deposit Amount Currency")	161	No	Corrected the Attribute Name and 1SYNC IM GUI Field name to reflect that the actual name of this attribute in the IM User Interface is "Returnable Package Deposit Currency" – the word "Amount" is not part of the attribute name as displayed. (This update was also applied to references to this attribute name in Appendix NTH, Netherlands CIN Extension)
Pricing UPC	309	No	Updated Additional Comments to clarify that the value provided for this attribute must be an integer between 8 and 14 digits.

Release 6.2.2 Version 3 Updates (March 20, 2008)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Packaging Type	29	No	Updated Type/Size value to correctly read "AN/3"
Terms or Conditions Code	156	No	Updated Additional Comments to remove obsolete note about dependent attributes
Deposit Value Start Date	157	No	Updated Additional Comments to remove obsolete note about dependent attributes
Deposit Value End Date	158	No	Updated Additional Comments to remove obsolete note about dependent attributes
Returnable Package Deposit Code	159	No	Updated Additional Comments to remove obsolete note about dependent attributes
Returnable Package Deposit Amount	160	No	Updated Additional Comments to modify the note about dependent attributes (dependency should only involve one attribute)
Returnable Package Deposit Currency	161	No	Updated Additional Comments to remove obsolete note about dependent attributes

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix AVP, GDSN CIN AVP Extension	348	No	• Added new AVP AUSTRALIA attribute: publicReleaseDate • Corrected GDSN CIN Extension Name & Outbound 1SYNC XML Name for many attributes (they had been shifted in the previous version by 1 row) • Updated Business Definition for attributes: freeQtyOfNextLowerLevel, freeQtyOfNextLowerLevelUOM • Corrected typos (cosmetic changes only)
Appendix CAN, GS1 Canada-Specific Attribute Information	447	No	• Added new attributes: Hazmat Class, Hazmat Code, Hazmat Description, Heat Of Combustion, Heat Of Combustion UOM, Broker Invoice Indicator • Corrected typos (cosmetic changes only)

Release 6.2.2 Version 2 Updates (March 6, 2008)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Base Unit Indicator	23		Updated Additional Comments to provide additional details on GDSN requirements and default logic.
Packaging Type	29		Changed M/O/D to "Dependent" and updated Additional Comments to include a note that this attribute becomes required when "Packaging Weight" is populated.
Deposit Value Start Date	157		Updated Occurrence value to correctly read "0 or more"
Import Classification Value	200		Updated Definition to provide clarification on what to provide for this attribute
Tax Rate	240		Updated Additional Comments to clarify notes on dependent Tax Rate attributes, including adding information on default logic on Tax (Rate) Type Description and Tax (Rate) Type Agency
Tax (Rate) Type Code	241		Updated Additional Comments to clarify notes on dependent Tax Rate attributes, including adding information on default logic on Tax (Rate) Type Description and Tax (Rate) Type Agency
Tax (Rate) Type Description	242		Updated Additional Comments to clarify notes on dependent Tax Rate attributes, including adding information on default logic on Tax (Rate) Type Description and Tax (Rate) Type Agency
Tax (Rate) Type Agency	243		Updated Additional Comments to clarify notes on dependent Tax Rate attributes, including adding information on default logic on Tax (Rate) Type Description and Tax (Rate) Type Agency

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Tax Amount	244		Updated Additional Comments to clarify notes on dependent Tax Amount attributes, including adding information on default logic on Tax (Amount) Type Description
Tax Amount Currency	245		Updated Additional Comments to clarify notes on dependent Tax Amount attributes, including adding information on default logic on Tax (Amount) Type Description
Tax (Amount) Type Code	246		Changed M/O/D to "Dependent" and updated Additional Comments to include notes on dependent Tax Amount attributes
Tax (Amount) Type Description	247		Updated Additional Comments to clarify notes on dependent Tax Amount attributes, including adding information on default logic on Tax (Amount) Type Description
Tax (Amount) Type Agency	248		Updated Additional Comments to clarify notes on dependent Tax Amount attributes, including adding information on default logic on Tax (Amount) Type Description
Appendix N – List of 1SYNC IM Mandatory Fields – Trade Item Attributes	330		Updated notes on mandatory attributes for GDSN CIN by clarifying that the lowest-level GTIN in a hierarchy must have Base Unit Indicator = "Yes"

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix NTH, Netherlands Extension	510		• Updated Logic/Mapping Notes where necessary throughout the entire appendix to ensure clarity. • Updated 1SYNC Additional Attributes Supported table for attributes DAS005, DAS006, WRE03, WRE04, WRE14, U37, U420001 • Updated "List Price UOM" to "List Price Currency" in Logic / Mapping Notes. • Updated "Min Product Lifespan from Production" to "Minimum Product Lifespan" in Logic / Mapping Notes. • Updated "Catalogue Price BasisList" to "Catalogue Price Basis" in Logic / Mapping Notes. • Updated "Suggested Retail Price per Unit" to "Suggested Retail Price Basis Per Unit" in Logic / Mapping Notes. • Updated "Suggested Retail Price Basis UOM" to "Suggested Retail Price Basis Per Unit UOM" in Logic / Mapping Notes. • Updated "Packaging Material Weight" to "Packaging Material Composition" in Logic / Mapping Notes. • Updated "Packaging Material Weight UOM" to "Packaging Material Composition UOM" in Logic / Mapping Notes. • Updated "Packaging Weight" to "Packaging Material Composition" in Spreadsheet Load Tool Attribute Qualifier. • Updated "Packaging Weight UOM" to "Packaging Material Composition UOM" in Spreadsheet Load Tool Attribute Qualifier. • Updated "Min Product Lifespan UOM from Production" to "Minimum Product Lifespan". • Updated "Levying Amount 1 Currency" to "Levying Amount Currency". • Updated "Levying Amount 2 Currency" to "Levying Amount Currency 2". • Updated "levyingAmount1 Currency" to "levyingAmountCurrency1" in 1SYNC XML Name. • Updated "levyingAmount2 Currency" to "levyingAmountCurrency2" in 1SYNC XML Name. • Updated Fat Content from "O" to "D" in M/O/D.

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix S, SINFOS Extension	543	No	• Updated Data Type to 'String' for attribute "Type of German Food Content Nutrient Base" • Updated Occurrence to "0 to 2" for attributes "Levying Kind 1", "Levying Kind 2", "Levying Amount 1", "Levying Amount 2", "Levying Amount Currency 1", "Levying Amount Currency 2", "Levying Class 1", "Levying Class 2", "Levying Kind Basis Value 1", and "Levying Kind Basis Value 2" • Corrected Occurrence values throughout document to clarify that for "Optional" or "Dependent" attributes it is possible to have an Occurrence of "0" (assuming that a dependency is not invoked by populating another dependent attribute in the same dependent group)

Release 6.2.2 Version 1 Updates (January 14, 2008)

Below are the changes to this document that have been made in conjunction with IM Release 6.2.2 (R6.2.2), including the addition of 22 new attribute pages, the removal of 4 attribute pages, and changes to many existing attribute pages and extension appendices. In addition, other changes/corrections not relating to IM R6.2.2 have been made where necessary. Please refer to the *IM R6.2.2 Release Notes* and other R6.2.2-related documentation for specific details on R6.2.2 component changes.

New Attribute Pages Added
New attribute pages have been added to this document for the attributes listed below. Some of these are brand new attributes, and others have been moved from an existing CIN extension into the "Core" set of IM attributes (please refer to the *IM 6.2.2 Release Notes* and customer impact documentation for specific details). The attributes are listed below with their IM User Interface (GUI) name followed by their GUI tab location in parentheses:
- Packaging Weight (Global tab)
- Packaging Weight UOM (Global tab)
- Is Bar Code On Packaging Variable Measure Bar Code? (General tab)
- RFID Tagged (Packaging tab)
- Casing Tare Weight (Packaging tab)
- Casing Tare Weight UOM (Packaging tab)
- GLN Of Ship From Party (Handling & Delivery tab)
- Name Of Ship From Party (Handling & Delivery tab)
- Nesting Increment (Handling & Delivery tab)
- Nesting Increment UOM (Handling & Delivery tab)
- Opened Trade Item Lifespan (Handling & Delivery tab)

- Layer Height (Handling & Delivery tab)
- Layer Height UOM (Handling & Delivery tab)
- Consumer Usage Storage Instructions (Marketing tab)
- Link Content Description (Marketing tab)
- File Effective End Date (Marketing tab)
- File Effective Start Date (Marketing tab)
- File Format Description (Marketing tab)
- File Format Name (Marketing tab)
- Link File Name (Marketing tab)
- Uniform Resource Identifier (Marketing tab)
- Type Of Information (Marketing tab)

Attribute Pages Removed
The attributes listed below were being removed from the IM User Interface with IM R6.2, and their attribute pages are now being removed from this document in conjunction with the sunset of these attributes from IM.
- Min Product Lifespan from Production UOM
- Packaging Material Type
- Product Size Description
- Packaging Marked With Expiration Date

R6.2.2v1 Changes to Attribute Pages and Extension Appendices

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Effective Date	104		Updated Additional Comments to provide more accuracy around logic pertaining to Item Add, Modify, and Append transactions
Product Size Code	127		Removed note on dependency from Additional Comments field.
Product Size Code Maintenance Agency	128		Removed note on dependency from Additional Comments field.
Descriptive Size	149		Removed note on dependency from Additional Comments field.
Packaging Material Code	151		Changed M/O/D to "Optional" and updated Additional Comments to remove note about dependency. However, left note in Additional Comments that in order to sync on GDSN CIN, Material Code Agency must also be present.
Material Code Agency	152		Changed M/O/D to "Optional" and updated Additional Comments to remove note about dependency. However, left note in Additional Comments that in order to sync on GDSN CIN, Packaging Material Code must also be present.

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Packaging Material Composition	154		Changed M/O/D to "Optional" and updated Additional Comments to remove note about dependent group of 4 attributes; this dependency is no longer in effect with IM R6.2.2
Packaging Material Composition UOM	155		Updated Additional Comments to remove note about dependent group of 4 attributes; this dependency is no longer in effect with IM R6.2.2
Pricing On Product	165		• Updated GDSN CIN name; new name: isPriceOnPack • 1SYNC XML value is no longer "Data Source Only" (removed the note)
Package Marks Diet Allergen, Package Marks Environment, Package Marks Ethical, Package Marks Free From	175-178		Corrected "Occurrence" field for these 4 attributes to read "0 or More"
Feature Benefit	276		Corrected "Occurrence" field for this attribute to read "0 or 1"
Image Thumbnail Path	284		New IM GUI name for this attribute is "1SYNC Image Thumbnail Path".
Image Thumbnail File Name	285		New IM GUI name for this attribute is "1SYNC Image Thumbnail File Name"
Link to External Description	286		Added notes to "IM GUI Field" and Additional Comments noting that this attribute is being removed from IM (and the GUI) with IM R6.2.2
Flash Point Temperature	301		Removed note on dependency from Additional Comments field. Removed this attribute name from group of dependent attributes listed on ALL of these attribute pages: Dangerous Goods Class Code Dangerous Goods Hazardous Code Dangerous Goods Regulation Code U.N. Dangerous Goods Number Dangerous Goods Shipping Name Dangerous Goods A Margin Number Dangerous Goods Packing Group Dangerous Goods Technical Name

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Flash Point Temperature UOM	302		Removed note on dependency from Additional Comments field. Removed this attribute name from group of dependent attributes listed on ALL of these attribute pages: Dangerous Goods Class Code Dangerous Goods Hazardous Code Dangerous Goods Regulation Code U.N. Dangerous Goods Number Dangerous Goods Shipping Name Dangerous Goods A Margin Number Dangerous Goods Packing Group Dangerous Goods Technical Name
Is Ingredient Irradiated	318		• No GDSN Name previously listed -- added NEW GDSN CIN name tradeItemGeneticallyModifiedCode • Updated Type/Size field to read "VV/60" and added 3 valid values to Additional Comments field: TRUE FALSE UNSPECIFIED
Is Raw Material Irradiated	319		• Updated GDSN CIN name; new name: ingredientIrradiatedCode • Updated Type/Size field to read "VV/60" and added 3 valid values to Additional Comments field: TRUE FALSE UNSPECIFIED
Is Trade Item Irradiated	320		• Updated GDSN CIN name; new name: rawMaterialIrradiatedCode Updated Type/Size field to read "VV/60" and added 3 valid values to Additional Comments field: TRUE FALSE UNSPECIFIED
Genetically Modified	321		• Updated GDSN CIN name; new name: tradeItemIrradiatedCode Updated Type/Size field to read "VV/60" and added 3 valid values to Additional Comments field: TRUE FALSE UNSPECIFIED
Appendix Q – Global Attributes	331		Added attributes: • Packaging Type (existing attribute moving to Global) • Packaging Weight (new attribute) • Packaging Weight UOM (new attribute)

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix RD – Relationship Dependent Data (RDD) Attributes	336		Added attributes: • Consumer Usage Storage Instructions (new attribute) • RFID Tagged (existing attribute moving from AVP to Core)
Appendix AG, Agentrics Extension	338		Based on analysis of the accuracy of the data in this appendix, updated IM GUI Attribute Name, 1SYNC XML Name, Data Type, M/O/D, Min/Max Length, Occurrence, and Logic/Mapping Notes, where necessary throughout the entire appendix.
Appendix AVP, GDSN CIN AVP Extension	348		• Added new AVP AUSTRALIA attributes: baseUnitsPerPallet, gSTFreeOnlyToEndConsumer, gTINOfBaseUnit, milkLevy, milkLevyCurrency, nestingOverlap, nestingOverlapUOM, nonGTINPalletDepth, nonGTINPalletDepthUOM, nonGTINPalletNetWeight, nonGTINPalletNetWeightUOM, nonGTINPalletVolume, nonGTINPalletVolumeUOM, nonGTINPalletWidth, nonGTINPalletWidthUOM, numberOfBaseUnits, unitsInDepthOfLayer, unitsInWidthOfLayer, unitsPerPackage • Added new AVP ELECTRONICS & APPLIANCES attributes: busType, contrastRatioDynamic, contrastRatioStatic, frequencyResponseHigh, frequencyResponseLow, frequencyResponseVariance, hasBuiltInBattery, hasDynamicBassBoost, hasUpconvertTechnology, hasXVYCCColorGamutTechnology, hDMI_HDCPInteroperability, hDMIFeaturesSupported, isAssemblyRequired, isLightscribeCapable, lengthOfESN_IMEIDeviceIdentityNumber, memorySpeed, mountingShoePowerType, quantityOfCoAxialInputs, quantityOfCoAxialOutputs, quantityOfComponentOutputs, quantityOfCompositeOutputs, quantityOfHDMIOutputs, quantityOfS_VideoOutputs, surroundSoundDigitalDecoderTypes • Updated GDSN CIN Extension Name & Outbound 1SYNC XML Name for attributes: avpAreBatteriesRequired, avpQuantityOfBatteriesRequired, nonGTINPalletGrossWeight, nonGTINPalletHeight, isTradeItemAPromotionalUnit • Updated IM GUI Attribute Name for attribute: U85 • Corrected formatting (cosmetic only)
Appendix BAR, GDSN CIN Barcode Extension	445		Reformatted entire attribute mapping table to ensure consistency with the way other CIN extension appendices present attribute details

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix EG, GDSN CIN Electronic Gaming Extension	450		• Updated Logic/Mapping Notes for attribute: ratingContentDescriptor • Updated valid value code list names for attributes: bulkPriceCurr, loosePriceCurr, minimumAdvertisedPriceCurr • Added new attribute: productGenre • Updated min/max to 1/70 for attributes: batteryType, gameFormat
Appendix FB, GDSN Food and Beverage Cin Extension Information	457		• Added new attributes: additiveLevelOfContainment, additiveName, fishMeatPoultryTypeCode, fishMeatPoultryTypeCodeListAgency, fishMeatPoultryTypeCodeListIdentification, geneticallyModifiedDeclarationCode, minimumFishMeatPoultryContent, minimumFishMeatPoultryContentUOM • Corrected typos (cosmetic only)
Appendix FMC, FMCG Extension Information	469		• Updated GDSN CIN Extension Name for attributes: geneticallyModified, isIngredientIrradiated, isRawMaterialIrradiated, isTradeItemIrradiated • Updated Attribute Qualifier for attribute: geneticallyModified • Updated attributes to string: geneticallyModified, isIngredientIrradiated, isRawMaterialIrradiated, isTradeItemIrradiated • Updated Occurrence to "0 to 1" for attributes: geneticallyModified, isIngredientIrradiated, isRawMaterialIrradiated, isTradeItemIrradiated • Updated Logic/Mapping Notes for attributes: geneticallyModified, isIngredientIrradiated, isRawMaterialIrradiated, isTradeItemIrradiated
Appendix FR, French Extension Information	473		• Updated references from GDSN 2.1 to GDSN 2.2 • Added Logic/Mapping Notes for attribute: nameOfShipFromParty • Corrected formatting (cosmetic only)
Appendix HRD, GDSN CIN Hardlines Extension	481		• Reformatted entire attribute mapping table to ensure consistency with the way other CIN extension appendices present attribute details • Removed attributes: nestingIncrement, nestingIncrementUOM • Updated Business Definition for attributes: outOfBoxInformationDepth, outOfBoxInformationHeight, outOfBoxInformationWidth
Appendix MOV, GDSN CIN Movie Publication Extension	490		Based on analysis of the accuracy of the data in this appendix , inserted minor updates/corrections to version released with IM R6.2.1

Participant Dictionary

Attribute/Appendix Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Appendix NTH, Netherlands Extension	509		Based on analysis of the accuracy of the data in this appendix , updated IM GUI Attribute Name, 1SYNC XML Name, Data Type, M/O/D, Min/Max Length, Occurrence, and Logic/Mapping Notes, where necessary throughout the entire appendix.
Appendix OFC, GDSN CIN Office Supplies Extension	527		• Removed attributes: additionalSubBrand, nestingIncrement, nestingIncrementUOM, tradeItemImageURI • Renamed OutOfBoxInformation to OutOfBoxDimensions • Renamed totalRecyclableContent to totalRecyclableContentPercentage • Renamed postConsumerRecycledMaterialContent to postConsumerRecycledMaterialContentPercentage • Renamed descriptionOfContents to contentsDescription • Renamed fMCGTradeItemIdentification to fMCGAdditionalTradeItemIdentification • Made attributes optional: componentDepth, isAssemblyRequired, isProductCustomizable, isTradeItemANonFunctioningDisplayUnit, isTradeItemDirectShippable, isTradeItemRecalled, isTradeItemShippedInMultipleContainers, returnGoodsPolicy • Made attribute dependent: isRadioFrequencyIDOnPackaging • Changed attributes to longText: consumerPackageDisclaimer, warningCopyDescription • Updated Business Definition for attributes: depthOutOfBoxInformation, heightOutOfBoxInformation, widthOutOfBoxInformation • Changed wording regarding triggers of the Office Supplies Extension. Since all attributes in the extension are optional, all attributes in the extension have been designated as triggers • Updated Data Mapping And Validation Errors (removed for attributes changing to optional & added for isRadioFrequencyIDOnPackaging dependency).
Appendix S, SINFOS Extension	543	No	• Corrected name of "Dangerous Goods Classification Code" (previously listed as "Class Code") • Updates to Logic/Mapping Notes for "Dangerous Goods Classification Code" and "Hazmat Special Instructions" • Corrected the "Sending the SINFOS Extension on a CIN Message" section, rewording and removing the trigger attributes, as there are no longer any attributes that are mandatory in this extension.

Release 6.2.1 Version 1 Updates (October 19, 2007)

Attribute Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
All Attributes – M2M attribute names/examples	n/a	No	1SYNC XML field/tag names have been added to each individual attribute page in this document. In preparation for the sunset of tXML and EDI formats at the end of 2007, the tXML and EDI examples have been removed from each page.
Multiple appendices containing valid value code lists -- REMOVED	n/a	YES – Begin using new Valid Values document	All appendices containing valid value "code list" tables in this document have been removed, as this information is available in a more clear, accurate, and detailed format in the 1SYNC IM Valid Values spreadsheet on the 1SYNC Solution Center. See the "Introduction to the Appendices" above for further details.
CIN Extension Appendices -- NEW	n/a	No	CIN Extension Guides have been consolidated into this document as appendices. See the "Introduction to the Appendices" above for further details.
Gross Weight UOM	73	No	Updated Additional Comments -- Packaging Weight UOM should NOT be included in the group of UOM values (Gross Weight UOM, Net Weight UOM, Drained Weight UOM) that must be consistent for each trade item
Net Weight UOM	75	No	Updated Additional Comments -- Packaging Weight UOM should NOT be included in the group of UOM values (Gross Weight UOM, Net Weight UOM, Drained Weight UOM) that must be consistent for each trade item
Drained Weight UOM	77	No	Updated Additional Comments -- Packaging Weight UOM should NOT be included in the group of UOM values (Gross Weight UOM, Net Weight UOM, Drained Weight UOM) that must be consistent for each trade item
Short Description / POS Desc. 1	115	No	Updated Type/Size field to read "AN/140" and added a note to Additional Comments stating that while this field allows 140 characters, the value will be truncated to 35 characters when sent outbound to data recipients.
Produce Size Code	126	No	Added a note to Additional Comments field explaining that Value is truncated to 20 characters in the GDSN CIN.
Packaging Material Composition UOM	154	No	Updated Additional Comments -- Packaging Weight UOM is NOT included in the group of UOM values (Gross Weight UOM, Net Weight UOM, Drained Weight UOM) that must be consistent for each trade item

Participant Dictionary

Attribute Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
"Packaging Material" group of attributes	Multiple pages	No	Updated M/O/D field for the following 10 attributes that exist in a group where if one attribute is present, a sub-group of other attributes becomes mandatory: • Deposit Value Start Date • Deposit Value End Date • Terms or Conditions Code • Returnable Package Deposit Amount • Returnable Package Deposit Currency • Returnable Package Deposit Code • Packaging Material Code • Material Code Agency • Packaging Material Composition UOM • Packaging Material Composition

Release 6.2.0.1 Version 2 Updates (August 22, 2007)

Attribute Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Qty of Next Level Item(s)	20	No	Updated Definition field to read: "Indicates the TOTAL number of next lower level trade items that this trade item contains. The sum of the quantities of direct child links must equal the Qty of Next Level Item(s) of the Parent Item." Updated Additional Comments field in accordance with the introduction of publication delete functionality with IM R6.2: "If deleting a publication for a GTIN, you will need to wait 25 hours from the time the publication delete is processed in IM before modifying this attribute. If you have any questions about the Publication Delete process, please contact 1SYNC Customer Support."

Attribute Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Base Unit Indicator	24	No	Updated Additional Comments field in accordance with the introduction of publication delete functionality with IM R6.2: "If deleting a publication for a GTIN, you will need to wait 25 hours from the time the publication delete is processed in IM before modifying this attribute. If you have any questions about the Publication Delete process, please contact 1SYNC Customer Support."
Special Item Code	28	No	Updated Additional Comments field in accordance with the introduction of publication delete functionality with IM R6.2: "If deleting a publication for a GTIN, you will need to wait 25 hours from the time the publication delete is processed in IM before modifying this attribute. If you have any questions about the Publication Delete process, please contact 1SYNC Customer Support."
Ordering Unit Indicator	46	No	Corrected previous error in Occurrence field; this value is now shown as "1".
Depth, Height, Width	65, 67, 69	No	Updated Additional Comments field to provide clarification that these attributes are always mandatory for GDSN item synchronization
Functional Name	115	No	Updated Additional Comments field to add the following note: "If a value for Functional Name is not provided, this field will be populated by default with the value provided for the attribute 'GTIN Name'."
Organic Trade Item Code	132	No	Removed valid values from Additional Comments field and updated Reference field to refer to Appendix AH for the complete list of valid values.
List Price Basis Per Unit	249	No	Per IM R6.2 changes, removed note in Additional Comments field stating that this attribute becomes required in IM when "List Price" attribute is populated (as this is no longer true). In accordance with this change, corrected M/O/D field to read "Optional".
All "List Price" attributes: List Price Effective Start Date, List Price Effective End Date, List Price, List Price Basis Per Unit, List Price Basis Per Unit UOM, List Price Currency	Pages 243 - 253	No	Updated Additional Comments field on each of these attribute pages to clarify notes regarding mapping/dependencies on the GDSN CIN (Item Sync) message. The most significant change was the removal of "List Price Basis Per Unit" and "List Price Basis Per Unit UOM" from the group of interdependent "list price" attributes (i.e., when one attribute in the group is populated, all must be populated).

Attribute Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Suggested Retail Price Basis Per Unit	261	No	Per IM R6.2 changes, removed note in Additional Comments field stating that this attribute becomes required in IM when "Suggested Retail Price" attribute is populated (as this is no longer true). In accordance with this change, corrected M/O/D field to read "Optional".
All "Suggested Retail Price" attributes: Suggested Retail Price Effective Start Date, Suggested Retail Price Effective End Date, Suggested Retail Price, Suggested Retail Price Basis Per Unit, Suggested Retail Price Basis Per Unit UOM, Suggested Retail Price Currency	Pages 254 - 265		Updated Additional Comments field on each of these attribute pages to clarify notes regarding mapping/dependencies on the GDSN CIN (Item Sync) message. The most significant change was the removal of "Suggested Retail Price Basis Per Unit" and "Suggested Retail Price Basis Per Unit UOM" from the group of interdependent "suggested retail price" attributes (i.e., when one attribute in the group is populated, all must be populated).
Appendix R, 1SYNC Price & Promotion Management Implementations	390	No	Updated appendix in accordance with the latest release of the 1SYNC Price & Promotion Management (PM)
Appendix V, Correctable Attributes	404	No	Corrected the omission of "Net Content UOM" attribute by adding it to the list of correctable attributes in IM

Release 6.2.0.1 Version 1 Updates (July 05, 2007)

Attribute Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Is Barcode Symbology Derivable	43	No	Updated occurence to 0 or 1, and Language Specific to No
Country of Origin	59	No	Updated Additional Information to show that this code does sync in GDSN CIN
Net Weight	77	Possibly	Updated the definition

Participant Dictionary

Attribute Name	Page #	Immediate Customer Action Required?	Description of Change
Customers should review attributes they are utilizing to determine if there is any immediate action required			
Generic Ingredient Strength	90	Possibly	Added note to the Additional Comments
Functional Name	115	No	Clarified the business case
Finish Description	124	No	Updated Occurrence to be 0 or more
Season Calendar Year	283	No	Updated Type/Size to I/4 (was I/4..4)
Appendix Q – Global Attributes	390	No	o Removed Storage Handling Temp Max, Storage Handling Temp Min, Storage Handling UOM, and Number of items per pallet o Added Cancel date and Special Item Code o Removed Product Type once from the list

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ALPHABETICAL INDEX OF CORE TRADE ITEM ATTRIBUTES

Please note that this index does **not** include attribute names that appear within the CIN Extension Appendices of this document. Listed below are core attributes that have dedicated individual pages in this document (for this purpose, core attributes have been defined as those listed in every tab other than the **Extensions** tab of the IM User Interface)

1SYNC IM Attribute   **Page #**