

GDSN Core Attributes

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Common Business Name	NextLowerLevelTradeItemInformation	totalQuantityOfNextLowerLevelTradeItem	E	G	M	N	Neutral	Despatch units only	No	N	6	This represents the Total quantity of next lower level trade items that this trade item contains.	e.g. in a mixed module, with 2 x five different types of nail varnish, this number = 10. Where this differs from "QuantityofNextLowerLevelTradeItem" is that this field is used in conjunction with each GTIN identified in the field 'NextLowerLevelTradeItem'. E.g. in the example of 2 x five different types of nail varnish, this number = 2. If the item is not mixed, then this number will equal the value submitted for the "QuantityofNextLowerLevelTradeItem" field.
Number of Hierarchical Levels	NextLowerLevelTradeItemInformation	quantityOfChildren	E	G	M	N	Neutral	Despatch units only	No	N	10	Value indicates the number of unique next lower level trade items contained in a complex trade item. A complex trade item can contain at least 2 different GTINs.	Only applies to dispatch units (cases, pallets, etc.)
Quantity of Items in the Next Lower Hierarchical Level	ChildTradeItem	quantityOfNextLowerLevelTradeItem	E	G	M	Y	Neutral	All	No	N	6	The number of next lower level trade item that this trade item contains.	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)
GTIN of Next Lower Hierarchical Level	ChildTradeItem	tradeItemIdentificationOfNextLowerLevelTradeItem	E	G	M	Y	Neutral	All	No	N	14	A reference to the GTIN of the next lower level of trade item that this trade item contains	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. While there can be multiple child trade items, there can only be one trade item identification per child item
GTIN of the Replaced Item	Trade Item Identification	replacedTradeItemIdentification	E	G/L	O	N	Neutral	All	No	N	14	Indicates the trade item identification of an item that is being permanently replaced by this trade item	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.
Hierarchical Level Description	TradeItemUnitIndicatorList	tradeItemUnitDescriptor	C	G	M	N	Neutral	All	No	Enum	N/A	Describes the hierarchical level of the trade item. See implementation notes for full definition and rules for each value	See implementation notes for complete description of each product hierarchy level. Reference TradeItemUnitDescriptorList which is an enumeration list in the Trade Item Class Diagram
GTIN	GlobalTradeItemNumber	globalTradeItemNumber	C	G	O	N	Neutral	All	No	Integer	14	A particular Global trade item Number, a numerical value used to uniquely identify a trade item. A trade item is any trade item (product or service) upon which there is a need to retrieve pre-defined information and that may be planned, priced, ordered, delivered and or invoiced at any point in any supply chain.	EAN.UCC 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 to the EAN.UCC specifications. This field is mandatory within the Global Data Synchronization work process. See implementation notes.
Additional Classification Agency Name	ClassificationCategory	additionalClassificationAgencyName	E	G	Dependant on additionalClassificationCode	Y	Neutral	Each	No	AN	35	Text name of the additional external classification agency whose schema is being provided in addition to the Global EAN.UCC schema.	Required if additional classification schema field are populated.
Additional Classification Category Code	ClassificationCategory	additionalClassificationCategoryCode	E	G	O	Y	Neutral	Each	No	AN	15	Category code based on alternate classification schema chosen in addition to EAN.UCC classification schema.	The additional classification bundle (code/agency+descriptions) can be repeated for each classification agency used
Additional Classification Category Description	ClassificationCategory	additionalClassificationCategoryDescription	E	G	Dependant on additionalClassificationCode	Y	Neutral	Each	No	AN	70	Description of the additional classification bundle (code/agency + description).	The description of the additional classification bundle (code/agency + description) can be repeated for each classification agency used. Required if ClassificationCategoryCode field is populated

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Classification Category Code	GDSNTradeItemClassification	classificationCategoryCode	C	G	O	N	Neutral	Each	No	N	8	Global EAN.UCC classification category code. Unique, permanent 8-digit key.	The system will assign Bricks on a first-approved, first-served basis. Mandatory within the Data Sync process
Classification Category Definition	GDSNTradeItemClassification	classificationCategoryDefinition	C	G	Dependant on additionalClassificationCode	N	Neutral	Each	No	AN	700	System generated explanation of Global EAN.UCC category	This field is mandatory when classificationCategoryCode is populated
Classification Category Name	GDSNTradeItemClassification	classificationCategoryName	C	G	Dependant on additionalClassificationCode	N	Neutral	Each	No	AN	105	The system generated text equivalent of the Global EAN.UCC classification category code.	Being system generated, if ClassificationCategoryCode is populated, this field becomes mandatory
EAN/UCC Classification Attribute Type Code	GDSNTradeItemClassificationAttributeType	eANUCCClassificationAttributeTypeCode	E	G	O	Y	Neutral	Each	No	N	8	Unique 8 digit code which identifies the Global EAN.UCC classification attribute	If used, the first attribute, which is the primary attribute, is mandatory. The remaining 6 are optional. This field is repeatable seven times. Mandatory in the Data Sync process
EAN/UCC Classification Attribute Type Name	GDSNTradeItemClassificationAttributeType	eANUCCClassificationAttributeTypeName	E	G	O	Y	Neutral	Each	No	AN	105	The system generated text equivalent of the Global EAN.UCC classification attribute code	Being system generated, if ClassificationAttributeTypeCode is populated, this field becomes mandatory
EAN/UCC Classification Attribute Type Definition	GDSNTradeItemClassificationAttributeType	eANUCCClassificationAttributeTypeDefinition	E	G	O	Y	Neutral	Each	No	AN	700*	System generated explanation of Global EAN.UCC attribute	*Waiting for the final publication of the EAN.UCC classification
EAN/UCC Classification Attribute Value Code	GDSNTradeItemClassificationAttributeValue	eANUCCClassificationAttributeValueCode	E	G	O	N	Neutral	Each	No	N	8	Unique 8 digit code which identifies the Global EAN.UCC classification attribute value	One valid value may be submitted per GTIN. Once an attribute code is selected, it is mandatory to submit an associated value code
EAN/UCC Classification Attribute Value Name	GDSNTradeItemClassificationAttributeValue	eANUCCClassificationAttributeValueName	E	G	O	N	Neutral	Each	No	AN	105	The system generated text equivalent of the Global EAN.UCC classification attribute value code	None as of 06-03-2005
Information Provider	InformationProvider	informationProvider	C	G	M	N	Neutral	All	Yes	Part yldn etification	N/A	Unique location number identifying the information owner. E.g. Distributor, broker, Manufacturer, Franchisee. This is not a third party service provider. The purpose of this field is to identify the originator of the data. Example Trade Item A - is available to retailer B from manufacturer C or distributor D. The retailer could receive information from both sellers and this field declares the information owner	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 the catalogue. This field is mandatory within the Global Data Synchronization work process. See implementation notes
Name of Information Provider	InformationProvider	nameOfInformationProvider	E	G	Dependant on InformationProvider	N	Neutral	All	Yes	AN	30	Name of the party who owns the data. Name of the information provider on the trade item	Mandatory when Information Provider is provided
Target Market Country Code	TargetMarketInformation	targetMarketCountryCode	C	G	O	Y	Neutral	All	Yes	N	3	The target market code indicates the country level or higher geographical definition in which the information provider will make the GTIN available to buyers. This Indicator does not in any way govern where the buyer may re-sell the GTIN to consumers	ISO 3166-1 format 3 digit numerical; following AIDC guidelines. This information drives data synchronization rules linked to global/local, local status. Combination of this field +GTIN+GLN uniquely identifies a set of attributes or a trade item. This is a repeatable field. This field is mandatory within the Global Data Synchronization process. See implementation notes
Target Market Description	TargetMarketInformation	targetMarketDescription	C	G	D	N	Neutral	All	Yes	Short Description	35	The name for the specific target market identified with the Target Market Country Code . Target market description is composed of both text and a language code. The description will be generated from the ISO 3166-1 code list. The language code will be generated from the ISO 639 code list	This is the textual indication of the target market code. See Section 4.4 of Implementation Considerations and Concerns for more details

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Target Market Subdivision Code	TargetMarketInformation	targetMarketSubdivisionCode	C	G	D	Y	Neutral	All	Yes	AN	7	The Target Market Subdivision Code is the secondary code of the Target Market and must be a subdivision of a Target Market Country Code. The Target Market Subdivision Code 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, "Region" in France or "Province" in Canada. Not all countries have subdivisions. This code is represented by the three-character ISO 3166-2 code. This Target Market Subdivision Code is a dependent attribute. It is important to note that the lack of the Target Market Subdivision code implies that the trade item is available in the entire target market country	ISO 3166-2 format 3 digit numerical/3 character alpha which represents country and subcountry code; following AIDC guidelines. This information drives data synchronization rules linked to global/local, local status. This optional field helps further define trade item availability. The target market code consists of a country code and an optional subdivision code. A subdivision code must be used in tandem with a corresponding higher level country code. (e.g. Ohio with US) There can only be one targetMarketSubdivisionCode per targetMarketCountryCode
Additional Trade Item Description	TradeItemDescriptionInformation	additionalTradeItemDescription	E	G/L	O	N	Neutral	Consumer Unit	No	Long Text Description	350	Additional variants necessary to communicate to the industry to help define the product. Multiple variants can be established for each GTIN. This is a repeatable field, e.g. Style, Color, and Fragrance	May be used for additional technical or commercial information. . As a descriptive text field, this data element is repeatable for each language used and must be associated with a valid ISO language code from the attached table. See Section 4.4 of Implementation Considerations and Concerns for more details
Brand Name	TradeItemDescriptionInformation	brandName	E	G	M	N	Neutral	All	No	AN	35	The recognizable name used by a brand owner to uniquely identify a line of trade item or services. This is recognizable by the consumer. See examples	Free form text field, but not necessarily tied to language. Brands are more likely to be language independent. If a trade item does not have a brand, Use 'unbranded' in the description. This is a Mandatory field. If a trade item is changed from being "Unbranded" to a brand, this requires a new GTIN. GTIN allocation rules may vary by industry
Short Description	TradeItemDescriptionInformation	descriptionShort	E	G	O	N	Neutral	Each	No	Multi-Short Description	35	A free form short length description of the trade item that can be used to identify the trade item at point of sale	Free form text field, this data element is repeatable for each language used and must be associated with a valid ISO language code from the attached table. See Section 4.4 of the Implementation Considerations and Concerns for more details
Functional Name	TradeItemDescriptionInformation	functionalName	E	G	M	N	Neutral	All	Yes	Multi-Short Description	35	Describes use of the product or service by the consumer. Should help clarify the product classification associated with the GTIN.	Free form text field, this data element is repeatable for each language used and must be associated with a valid ISO language code from the attached table. See Section 4.4 of the Implementation Considerations and Concerns for more details.
Invoice Name	TradeItemDescriptionInformation	invoiceName	E	G	O	N	Neutral	All	No	Multi-Short Description	35	Free form information provider assigned trade item description designed to match trade item/service description as noted on invoices.	Free form text field, this data element is repeatable for each language used and must be associated with a valid ISO language code from the attached table. See Section 4.4 of the Implementation Considerations and Concerns for more details. Most likely will include several abbreviations
Link to External Description	TradeItemDescriptionInformation	linkToExternalDescription	E	G	O	N	Neutral	All	No	AN	70	The link (e.g. URL) to the external description	None as of 06-03-2005

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Trade Item Description	TradeItemDescriptionInformation	tradeItemDescription	C	G	M	N	Neutral	All	Yes	Long Text Description	143	The concatenated product description of a product or service. See business rules	This field is automatically generated by the concatenation of the "brand", "sub-brand", "functional name" and "variant". Free form text field, this data element is repeatable for each language used and must be associated with a valid ISO language code . See implementation notes for more details. * This is a derived attribute resulting from the concatenation of 4 other attributes of up to 35 characters each (see Business Rules above). When implemented, these four attributes may be concatenated as appropriate. Item description is part of the set of core data that will be stored in the Registry.
Product Range	TradeItemDescriptionInformation	productRange	E	G	O	N	Neutral	Each	No	AN	35	A name, used by a BrandOwner, that span multiple consumer categories or uses. E.g. (Waist Watchers)	Text field
Sub Brand	TradeItemDescriptionInformation	subBrand	E	G	O	N	Neutral	All	Yes	AN	35	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. E.g. Yummy-Cola Classic. In this example Yummy-Cola is the brand and Classic is the subBrand	Text field
Trade Item Form Description	TradeItemDescriptionInformation	tradeItemFormDescription	E	G	O	Y	Neutral	Each	No	AN	35	The physical form or shape of the product. Used, for example, in pharmaceutical industry to indicate the formulation of the trade item. Defines the form the trade item takes and is distinct from the form of the packaging	Optional field that can be used to further describe a trade item's benefit delivery method. Free form text. (See examples)
Trade Item Group Identification Code	TradeItemDescriptionInformation	tradeItemGroupIdentificationCode	E	G	O	N	Neutral	Each	No	AN	20	A code assigned by the supplier or manufacturer to logically group trade item independently from the Global trade item Classification.	Manufacturer assigned. This code is typically assigned to multiple GTINs.
Trade Item Group Identification Description	TradeItemDescriptionInformation	tradeItemGroupIdentificationDescription	E	G	D	Y	Neutral	Each	No	Multi-Short Description	35	The text description of the value represented by the trade itemGroupIDCode	If trade itemGroupIDCode is present, description must be present. A description text field, this data element is repeatable for each language used and linked to data element "Description language".
Variants of Trade Item	TradeItemDescriptionInformation	variant	E	G	O	Y	Neutral	Each	No	Multi-Short Description	35	Free text field used to identify the variant of the product. Variants are the distinguishing characteristics that differentiate products with the same brand and size including such things as the particular flavor, fragrance, taste	This is different from the Global EAN.UCC product classification variant. Free form text field, this data element is repeatable for each language used and must be associated with a valid ISO language code from the attached table. See Section 4.4 of the -Implementation Considerations and Concerns for more details
Bar Code Type	TradingPartnerNeutralTradeItemInformation	barCodeType	E	G	O	Y	Neutral	All	No	Enum	N/A	The type of bar code or codes, which are visible on a trade item.	Multiple values allowed. Use enumerated BarCode Type List in Trading Partner Neutral Trade Item Information Class Diagram
Class Compliance Regulation Code	TradingPartnerNeutralTradeItemInformation	classComplianceRegulationCode	E	G	O	Y	Neutral	All	No	Enum	N/A	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	None as of 06-03-2005
Country of Assembly	TradingPartnerNeutralTradeItemInformation	tradeItemCountryOfAssembly	E	G	O	Y	Neutral	Each	No	N	3	Country where product is assembled. Uses ISO country codes..	None as of 06-03-2005
Country of Origin	TradingPartnerNeutralTradeItemInformation	tradeItemCountryOfOrigin	E	G	M	Y	Neutral	Each	No	N	3	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.	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. Code list ISO 3166-1 code.

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Brand Owner	BrandOwnerOfTradeItem	brandOwner	E	G	O	N	Neutral	All	Yes	Party identification	N/A	Unique location number identifying the brand owner. May or may not be the same entity as the information provider, which actually enters and maintains data in data pools	The brand owner is the source of the data relating to the trade item, but is not necessarily responsible for providing and maintaining the data in the catalogue. This is the responsibility of the information provider. While the class BrandOwnerOfTradeItem is optional, the party identification for the brand owner is required when a brand owner is present
Name of Brand Owner	BrandOwnerOfTradeItem	nameOfBrandOwner	E	G	D	N	Neutral	All	Yes	AN	35	Name of the party who owns the brand of the trade item.	Mandatory when brandOwner Party identification is provided
Class of Dangerous Goods	HazardousInformationDetail	classOfDangerousGoods	E	G	D	Y	Neutral	All	No	AN	4	Dangerous goods classification of the trade item. There are 9 danger classes, some classes are further subdivided into subclasses. "Class" number explains in general terms the nature and properties of the goods and serves to classify them together in terms of their most significant risk	Information required when dangerousGoodsIndicator equals Y. Subsidiary risks given by repeating attribute value. Repeatable per dangerousGoodsRegulation code. Refer to UNECE code list. Hazardous attributes relate to supply chain handling (e.g., transport, storage, handling).
Dangerous Goods Amargin Number	HazardousInformationDetail	dangerousGoodsAMarginNumber	E	L	D	Y	Neutral	All	No	AN	30	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.	Information required when dangerousGoodsIndicator equals Y. Repeatable per dangerousGoodsRegulation code. List of authorized values : - not possible - possible (but not used) - used (by the data supplier) Hazardous attributes relate to supply chain handling (e.g., transport, storage, handling).
Dangerous Goods Hazardous Code	HazardousInformationDetail	dangerousGoodsHazardousCode	E	G	D	Y	Neutral	All	No	AN	10	Dangerous goods hazard ID number, which must be applied to the vehicle, when transporting this trade item (dangerous good) by road or rail, to inform the police, the fire brigade and others in case of an accident about the kind of danger caused by the cargo	Information required when dangerousGoodsIndicator equals Y. Repeatable per dangerousGoodsRegulationcode. Hazardous attributes relate to supply chain handling (e.g., transport, storage, handling).
Dangerous Goods Packing Group	HazardousInformationDetail	dangerousGoodsPackingGroup	E	G	D	Y	Neutral	All	No	AN	3	Identifies the degree of risk these dangerous goods present during transport according to IATA/IMDG/ADR/RID regulations.	Information required when dangerousGoodsRegulationcode is populated. Repeatable per dangerousGoodsRegulation code. http://www.unece.org/trade/untdid/d99b/tred/tred8339.htm Hazardous attributes relate to supply chain handling (e.g., transport, storage, handling).
Dangerous Goods Shipping Name	HazardousInformationDetail	dangerousGoodsShippingName	E	G	D	Y	Neutral	All	No	AN	200	Shipping name of the trade item (dangerous goods). The recognized agencies (see dangerousGoodsRegulationsCodes), in their regulations, provide a list of all acceptable proper shipping names.	Information required when dangerousGoodsRegulationCode is populated. Repeatable per dangerousGoodsRegulation code. Hazardous attributes relate to supply chain handling (e.g., transport, storage, handling).
Dangerous Goods Technical Name	HazardousInformationDetail	dangerousGoodsTechnicalName	E	G	D	Y	Neutral	All	No	Long Text Description	200	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 specified using the two-digit ISO 639 list.	Information required when dangerousGoodsRegulationcode is populated. The technical names are listed in the order that they contribute to the danger (main hazard, not necessarily the highest concentration). Repeatable per dangerousGoodsRegulation code. Hazardous attributes relate to supply chain handling (e.g., transport, storage, handling). See Section 4.4 of Implementation Considerations and Concerns for more details.
United Nations Dangerous Goods Number	HazardousInformationDetail	unitedNationsDangerousGoodsNumber	E	G	D	Y	Neutral	All	No	N	4	The four-digit number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods to classify a substance or a particular groups of substances. Abbreviation: UNDG Number	Information required when dangerousGoodsRegulationcode is populated Repeatable per dangerousGoodsRegulation code. http://www.unece.org/trans/danger/publi/adr/adr2001/English/ Hazardous attributes relate to supply chain handling (e.g., transport, storage, handling).

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Manufacturer	ManufacturerOfTradeItem	manufacturer	E	G	D	Y	Neutral	All	Yes	Part yldn etification	N/A	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: this is repeatable field.	While the class ManufacturerOfTradeItem is optional, the party identification for the manufacturer is required when the manufacturer of trade item is populated.
Name of Manufacturer	ManufacturerOfTradeItem	nameOfManufacturer	E	G	O	Y	Neutral	All	Yes	AN	35	Descriptive name of the manufacturer of the trade item.	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. This is a repeatable field.
Campaign Name	MarketingInformation	campaignName	E	G	O	N	Neutral	All	Yes	Desc riptio n	70	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.	None as of 06-03-2005
Campaign Start Date	MarketingInformation	campaignStartDate	E	G	O	N	Neutral	All	Yes	Date	CCY Y-MM-DD	The date suggested by the supplier for the campaign to start. It indicates the beginning of a marketing campaign.	None as of 06-03-2005
Campaign End Date	MarketingInformation	campaignEndDate	E	G	O	N	Neutral	All	Yes	Date	CCY Y-MM-DD	The date suggested by the supplier for the campaign to end. It indicates the end of a marketing campaign.	None as of 06-03-2005
Special Item Code	MarketingInformation	specialItemCode	E	G	O	Y	Neutral	All	Yes	Enum	N/A	This element identifies specific items for promotional or special tracking purposes. 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 of items in the case will remain the same. 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.	Dynamic Assortment may only be specified when the tradeItemUnitDescriptor specifies PREPACK.
Feature Benefit of Trade Item	MarketingInformation	tradeItemFeatureBenefit	E	G	O	Y	Neutral	All	Yes	Desc riptio n	70	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.	None as of 06-03-2005
Marketing Message for Trade Item	MarketingInformation	tradeItemMarketingMessage	E	G	O	N	Neutral	All	Yes	Long Desc riptio n	1000	Marketing message associated to the Trade item.	None as of 06-03-2005
Material Code	MaterialComposition	materialCode	E	G	O	N	Neutral	All	Yes	Mult Desc riptio n	70	This element 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.	materialCode and materialAgencyCode are paired elements; if one is used, the other must be present. These fields are used in conjunction with the percentage. materialCode should match the value of materialContent if both are populated.

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Material Agency Code	MaterialComposition	materialAgencyCode	E	G	O	N	Neutral	All	Yes	Enum	N/A	This element indicates the agency that is maintaining the Trade Item Material codes. This may include a specific code list. Reference "DIN 60001, Part 4 - Textile Fibers Codes. Available from DIN - Deutsches Institut für Normung E.V (German Institute for Standardization E.V).	materialCode and materialAgencyCode are paired elements; if one is used the other must be present. These fields are used in conjunction with the percentage.
Material Percentage	MaterialComposition	materialPercentage	E	G	O	N	Neutral	All	Yes	Percentage	3.2	Net weight percentage of a product material of the first main material. The percentages must add up to 100.	This field can be used in conjunction with the fields 'materialCode' or 'materialContent'
Material Content	MaterialComposition	materialContent	E	G	O	N	Neutral	All	Yes	Description	70	This element is used to indicate the material composition. This element is used in conjunction with materialPercentage	materialContent should match the value of materialCode if both are populated.
Material Safety Data Sheet Number	MaterialSafetyData	materialSafetyDataSheetNumber	E	G	Dependent on MaterialSafetyData	N	Neutral	All	No	AN	20	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. This attribute is mandatory if the Material Safety Data Sheet attribute is "Y".
Material Safety Data Sheet Y/N	MaterialSafetyData	materialSafetyDataSheet	E	G	M	N	Neutral	All	No	Boolean	1	Indicates whether there exists a material safety data sheet for the trade item. This is a data sheet with the most important characteristics, protected measures and regulations to be adhered to when handling this trade item. It is relevant above all for dangerous substances.	None as of 06-03-2005
Size Group	NonPackageTradeItemDimension	sizeGroup	E	G	O	N	Neutral	All	Yes	Enum	N/A	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.	None as of 06-03-2005
Size System	NonPackageTradeItemDimension	sizeSystem	E	G	O	N	Neutral	All	Yes	Enum	N/A	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. Example: 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 7 1/2 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.	None as of 06-03-2005
Size Type	NonPackageTradeItemDimension	sizeType	E	G	M	N	Neutral	All	Yes	Enum	N/A	The type of size dimension being specified by the size measurement Example: The size type would be Back and the size would be 34".	None as of 06-03-2005
Size Dimension	NonPackageTradeItemDimension	sizeDimension	E	G	M	N	Neutral	All	Yes	Measurement	Decimal 15, String 3 for Unit Of Measure	The numerical size measurement of the size dimension specified by the size type. Example: The size type would be Back and the size would be 34 inches.	The size dimension is specified using a decimal value and a valid Unit Of Measure (UOM). Either sizeDimension or descriptiveSizeDimension must be present, but not both. sizeDimension is a measurement value and is part of a mandatory choice (the other choice value being descriptiveSizeDimension).
Descriptive Size Dimension	NonPackageTradeItemDimension	descriptiveSizeDimension	E	G	M	N	Neutral	All	Yes	Description	70	The textual representation of the size dimension specified by the size type. Example: The size type would be Sleeve and the size would be "32/33 inches".	Either sizeDimension or descriptiveSizeDimension must be present, but not both. descriptiveSizeDimension is a description and is part of a mandatory choice (the other choice value being sizeDimension).

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Ordering Unit of Measure	Ordering And Selling Unit Of Measure	orderingUnitOfMeasure	E	G	O	N	Neutral	All	Yes	String	70	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. Example: A Spool of wire ordered by the spool and sold by lineal foot; Lumber ordered by board footage and sold by piece.	EAN.UCC standards reference the UN/CEFACT Recommendation 20 list for the possible Unit of Measure. orderingUnitOfMeasure is a string and is optional.
Selling Unit of Measure	Ordering And Selling Unit Of Measure	sellingUnitOfMeasure	E	G	O	N	Neutral	All	Yes	String	70	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. Example: Each, pair, case, roll, set box, by the foot, by the sheet. The Retailers require this if the Item is marked as a Consumer Unit. Only values from the enumerated list can be chosen from the UN/CEFACT.	None as of 06-03-2005
Organic Claim Agency	OrganicTradeItemCharacteristics	organicClaimAgency	E	G/L	O	Y	Neutral	Each	No	AN	35	A governing body that creates and maintain standards related to organic products./Brules: only registered values may be used. See implementation section 4.8 for reference to code list. It's a repeatable field.	None as of 06-03-2005
Organic Trade Item Code	OrganicTradeItemCharacteristics	organicTradeItemCode	E	G/L	O	N	Neutral	Each	No	AN	35	Used to indicate the organic status of a trade item or of one or more of its components. Examples: See code list	Approved values are : 01 100% organic 02 Organic 03 Made with Organic Ingredients 04 Some Organic Ingredients 05 Not Organic 06 Unknown
Is Barcode on the Package? Y/N	PackagingMarking	isBarcodeOnThePackage	E	G	M	N	Neutral	All	No	Boolean	N/A	Indication if the trade item is physically bar-coded with the primary trade item identification number. This is a y/n (Boolean) where Y equals trade item is bar-coded.	Boolean Y/N; Y= bar-coded N= not bar-coded Technical Note: This Boolean question is answered by the application of class "Bar Code Type List". If the Bar Code Type List class (telling which barcodes are on the package) exists, then there is a barcode on the package. The attribute is derived from the Bar Code Type List and is not in the model.
Is Packaging Marked Returnable? Y/N	PackagingMarking	isPackagingMarkedReturnable	E	G	M	N	Neutral	All	No	Boolean	N/A	trade item has returnable packaging. This is a yes/no (Boolean) where yes equals package can be returned.	Boolean Y/N; Y= marked returnable, N= not returnable. Attribute applies to returnable packaging with or without deposit.
Is Packaging Marked with Ingredients? Y/N	PackagingMarking	isPackagingMarkedWithIngredients	E	L	O	N	Neutral	Each	No	Boolean	N/A	trade item packaging contains information pertaining to its ingredients. trade item ingredients are required to be shown on the trade item (normally at base trade item level). This is a yes/no (Boolean) where yes equals marked with ingredients.	Boolean Y/N where Y=marked with ingredients , N=not marked with ingredients. trade item ingredients are required to be shown on the trade item (normally consumer unit level) Sector specific and geographical extension. List of ingredients can be legally required in some countries for limited trade item sectors.
Describes any Offer on the Packaging	PackagingMarking	OfferOnPack	E	L	O	N	Neutral	Each	No	String	70	Contains details of any on pack product offer (consumer or traded). Examples: Extra 20 percent free, free gift.	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.
What Diet Allergens are Marked on the Packaging?	PackagingMarking	packageMarksDietAllergen	E	L	O	Y	Neutral	Each	No	Enum	N/A	Indication of which dietary or allergen marks that are on the package.	None as of 06-03-2005
What Environmental Marks are on the Packaging	PackagingMarking	packageMarksEnvironment	E	L	O	Y	Neutral	Each	No	Enum	N/A	Indication of which environmental marks (e.g. recycling schemes) that are on trade item package. This attribute is an enumerated list and is optional.	None as of 06-03-2005

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
What Ethical Marks are on the Packaging?	PackagingMarking	packageMarksEthical	E	L	O	Y	Neutral	Each	No	Enum	N/A	Indication of which ethical trading marks that are on the package.	None as of 06-03-2005
What "Free From" Marks are on the packaging	PackagingMarking	packageMarksFreeFrom	E	L	O	Y	Neutral	Each	No	Enum	N/A	Indication of which free-from marks that are on the package. This attribute is and enumerated list and is optional.	None as of 06-03-2005
The Type of Expiration Date Marked on the Packaging.	PackagingMarking	packagingMarkedExpirationDateType	E	L	O	Y	Neutral	Each	No	Enum	N/A	Indicates the type of expiration date marked on the packaging.	None as of 06-03-2005
What Recyclable Scheme is used on the Packaging?	PackagingMarking	packagingMarkedRecyclableScheme	E	L	O	N	Neutral	Each	No	AN	70	The package of this GTIN is marked to indicate under which scheme it is recyclable. Applies to recyclable packaging with or without deposit. Examples: Aluminum can be marked as recyclable.	None as of 06-03-2005
Effective Date of Deposit Value	PackagingMaterial	depositValueEffectiveDate	E	L	O	N	Neutral	Each	No	Date	CCY Y-MM-DD	First date that the deposit value is valid for the deposit code.	None as of 06-03-2005
End Date of Deposit Value	PackagingMaterial	depositValueEndDate	E	L	O	N	Neutral	Each	No	Date	CCY Y-MM-DD	Last date that the deposit value in the currency is valid for the deposit code.	None as of 06-03-2005
Packaging Material Code	PackagingMaterial	packagingMaterialCode	E	G/L	O	Y	Neutral	All	No	AN	3	Code source needs to be defined. Currently a European Union table of code lists exists for this requirement. The code list required to identify the packaging material of the trade item. Examples: "GL" (glass) "AL" (Aluminum)	Can be repeated for multi-material packaging and linked to packaging weight.
Packaging Material Code List Maintenance Agency	PackagingMaterial	packagingMaterialCodeListMaintenanceAgency	E	G/L	D	Y	Neutral	All	No	AN	35	Agency needs to be defined. The agency or agencies controlling the packaging code lists of each country. Mandatory if packaging material code is populated.	Dependent on field packagingMaterialCode
Packaging Material Composition Quantity	PackagingMaterial	packagingMaterialCompositionQuantity	E	G/L	D	Y	Neutral	All	No	Multi-Measurement	Decimal 15, String 3 for Unit Of Measure	The quantity of the packaging of the trade item. Can be weight, volume or surface, can vary by country. Examples: "15 gm", Value, amount, eaches, etc.	Can be repeated for multi-material packaging and must be associated with a valid ISO language code from the attached table. Has to be associated with valid UOM. See Section 4.6 of the Implementation Considerations and Concerns for more details.
Packaging Material Description	PackagingMaterial	packagingMaterialDescription	E	G/L	D	Y	Neutral	All	No	Multi-Short Description	35	The system generated text description equivalent of the packaging material code. Examples: "Glass" "Aluminum"	Can be repeated for multi-material packaging and linked to packaging weight. As a description text field, this data element is repeatable for each language used and must be associated with a valid ISO language code from the attached table. Dependent on the field packagingMaterialCode See Section 4.4 of the Implementation Considerations and Concerns for more detail.

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Packaging Terms and Conditions	PackagingMaterial	packagingTermsAndConditions	E	G	O	N	Neutral	All	No	AN	3	Indicates if the packaging given in the described packaging configuration is a rented, exchangeable, against deposit or one way/not reusable. Examples: Codes to be defined. See Section 4.8	List of authorized values based on EANCOM 7073, X12 DE102 and X12 DE399.
Returnable Package Deposit Amount	PackagingMaterial	returnablePackageDepositAmount	E	G	O	N	Neutral	All	No	Float	N/A	The monetary amount for the individual returnable package..	None as of 06-03-2005
Returnable Package Deposit Code	PackagingMaterial	returnablePackageDepositCode	E	G	O	N	Neutral	All	No	AN	14	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.	None as of 06-03-2005
Packaging Type Code	PackagingMaterial	packagingTypeCode	E	G	O	Y	Neutral	All	No	Char	3	The code identifying the type of package used as a container of the trade item. Examples: Codes to be defined. See code list for possible values (packagingTypeDescription).	List of authorized code values based on UN-ECE 21 Recommendations. Code list can be found in Implementation Section 4.8 Can be repeated.
Packaging Type Description	PackagingType	packagingTypeDescription	E	G	O	Y	Neutral	All	No	AN	35	System generated text description of the type of packaging used for the trade item. For example, box or carton. Examples: "Box", "Bottle"	List of authorized text description values based on UN-ECE 21 Recommendations - EANCOM 7065. Can be repeated. System generated field.
Peg Hole Number	PegMeasurements (child class of TradeItemMeasurements)	pegHoleNumber	E	G	D	N	Neutral	Each	No	N	Unbounded	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 General EAN.UCC Specification. Required if the trade item is displayed on a peg board. Examples: 1	Business Rules: Required if the item has a peg hole. Multiple peg holes are allowed per product.
Horizontal Peg	PegMeasurements (child class of TradeItemMeasurements)	pegHorizontal	E	G	O	N	Neutral	Each	No	Multi-Measurement Value	Decimal 15, String 3 for Unit Of Measurement	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 trade item is displayed on a pegboard. Examples: "2 INH"	Required if the trade item is displayed on a peg board. Has to be associated with a valid UOM.
Vertical Peg	PegMeasurements (child class of TradeItemMeasurements)	pegVertical	E	G	O	N	Neutral	Each	No	Multi-Measurement Value	Decimal 15, String 3 for Unit Of Measurement	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. The measurement is always taken from the top edge of the trade item to the hole. Examples: "2 INH"	Required if the trade item is displayed on a peg board. Has to be associated with a valid UOM..
Is the Retail Price on the Package? Y/N	PriceOnTradeItem	priceOnPackIndicator	E	G	M	N	Neutral	Each	No	Boolean	N/A	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.	Boolean Y/N where Y = there is a retail price on the trade item; N = not pre-priced

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Is the Retail Price on the Trade Item? Y/N	PriceOnTradeItem	retailPriceOnTradeItem	E	G	D	N	Neutral	Each	No	Amount	17.4	The retail price as marked on the trade item package. This field is dependent on a value of "yes" for field priceOnPackIndicator. Examples: "USD 1.00", "EUR 36", "USD 17.45"	As monetary amount field, this data element must be associated with a valid unit of measure. See implementation notes for complete table. 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. Becomes mandatory when priceOnPackIndicator = "Y". In this case, the priceOnPack becomes Global (can not vary per Target Market). See Section 4.5 of Implementation Considerations and Concerns for more details.
Is the Trade Item Information Private?	PrivateInformation	isTradeItemInformationPrivate	E	G	M	N	Neutral	All	Yes	Boolean	N/A	Indicator to qualify whether master data is publicly available to any inquirer or is restricted to specific private user. This is a y/n (Boolean) where y equals non-public. If yes, then must have associated PARTY ID for whom the information is intended. Examples: Consumer unit A is public. Display configuration B, which contains public consumer unit A, is marked non-public, as it was built for retailer C. Pallet GTIN D, which is made up of Display B, is also marked non-public, only available to retailer C.	Trade item hierarchy level impact - if GTIN is marked non-public, all higher trade item hierarchy levels are non-public. Lower trade item hierarchy levels can still be public. This Boolean question is answered by application of class Private Information.
Global Location Number(s) of the Party Receiving the Private Data.	PrivateInformation	partyReceivingPrivateData	E	G	D	Y	Dependant	All	Yes	Party Identification	N/A	Unique location number identifying the party who is allowed access to the information by the data owner. Examples: Refer to the following websites for specific directions on how to construct global location numbers - www.uc-council.org or www.ean-int.org	There can be multiple instances of partyReceivingPrivateData. This is handled through the zero to many relationship between PrivateInformation and TradingPartnerNeutralTradeItemInformation. While the class ManufacturerOfTradeItem is optional, the party identification for the brand owner is required when a manufacturer is present.
Seasonal Availability End Date	Season	seasonalAvailabilityEndDate	E	L	O	N	Neutral	Each	No	Date	CCY Y- MM- DD	This element 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.	None as of 06-03-2005
Seasonal Availability Start Date	Season	seasonalAvailabilityStartDate	E	L	O	N	Neutral	Each	No	Date	CCY Y- MM- DD	This element indicates the start date of the trade item's seasonal availability. Reference related attribute in Item document. 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.	None as of 06-03-2005
Seasonal Calendar Year	Season	seasonCalendarYear	E	L	O	Y	Neutral	Each	No	Year	CCY Y	This element 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.	None as of 06-03-2005

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Season Parameter	Season	seasonParameter	E	L	O	Y	Neutral	Each	No	Enum	N/A	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 around. It is repeatable more than one season is indicated: Spring, Summer, Autumn, Winter, and All year (available throughout the year). The seasonal parameter is more an information for the search of data.	None as of 06-03-2005
Season Name	Season	seasonName	E	L	O	Y	Neutral	Each	No	Description	70	This element defines the season applicable to the item. Example: Holiday, back to school, Summer, Winter, etc. Special advertising actions, Winter end-of-season sales (WSV) or summer end-of-season sales (SSV).	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.
Security Tag Type	SecurityTagInformation	securityTagType	E	L	O	N	Neutral	Each	No	Enum	N/A	This is a code to indicate the type of EAS tag located on the Trade Item. Examples: Values include Acousto-Magnetic, Electro-Magnetic, Ink or dye, Microwave, Radio Frequency.	Used on Consumer Units only
Security Tag Location	SecurityTagInformation	securityTagLocation	E	L	O	N	Neutral	Each	No	Enum	N/A	This is a code to indicate where the EAS tag is located on the Trade Item. Example: Values include On outside of Trade Item, Concealed inside Trade Item, Integrated Inside Trade Item.	Used on Consumer Units only
Target Consumer Age	TargetConsumer	targetConsumerAge	E	L	O	N	Neutral	Each	No	Description	70	Identifies the target consumer age range for which a trade item has been designed. Example: 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	None as of 06-03-2005
Target Consumer Gender	TargetConsumer	targetConsumerGender	E	L	O	N	Neutral	Each	No	Enum	N/A	Identifies the target consumer gender for which a product has been designed. Example: male, female, unisex (suitable to both genders).	None as of 06-03-2005
Color Code List Agency	TradeItemColorDescription	colorCodeListAgency	E	G	D	Y	Neutral	Each	No	AN	3	The parties controlling the color code lists. Dependent on color code value. Examples: "PMS", "RAL", "TGA", "91"	If color code is indicated, colorCodeListAgency is required. Sector specific extension.
Color Code Value	TradeItemColorDescription	colorCodeValue	E	G	O	Y	Neutral	Each	No	AN	20	The code list required to identify the color of the trade item. No ISO standards exist. Each industry needs to determine which code agency is will use. Examples: Business Rules: If color code is indicated, colorCodeListAgency is required. EANCOM code list is to be used. This is used by certain industries which maintain specific color code lists.	None as of 06-03-2005
Color Description	TradeItemColorDescription	colorDescription	E	G	O	Y	Neutral	Each	No	Multi Description	70	Free text description of the color of the trade item. Examples: "Dark burgundy"	Free from text. As description text field. This data element is repeatable for each language used and must be associated with a valid ISO language code from the attached table.
Coupon Family Code	TradeItemCoupon	couponFamilyCode	E	L	O	N	Neutral	Each	No	AN	3	A 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.	It only applies to the consumer unit. Note this is treated in the XML as a mandatory attribute in an optional class.

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Canceled Date	TradeItemDateInformation	canceledDate	E	G	O	N	Neutral	All	No	Date	CCY Y-MM-DD	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. Examples: "2002-11-20"	Use ISO 8601 date format CCYY-MM-DD
Consumer Availability Date and Time	TradeItemDateInformation	consumerAvailabilityDateTime	E	G/L	O	N	Neutral	Each	No	Date Time	CCY Y-MM-DDT HH:MM:SS	The first date/time that the buyer is allowed to sell the trade item to consumers. Usually related to a specific geography. ISO 8601 date format CCYY-MM-DDT HH:MM:SS. Examples: "2002-02-05T17:00:00" February 5th 2002 5:00:00pm	Time is expressed in the time zone of the target market where the trade item is intended for resale consumers. ISO 8601 date format CCYY-MM-DDT HH:MM:SS.
Discontinued Date	TradeItemDateInformation	discontinuedDate	E	G/L	O	N	Neutral	All	No	Date	CCY Y-MM-DD	Communicate 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). Examples: "2002-02-05"	ISO 8601 date format CCYY-MM-DD
Effective Date	TradeItemDateInformation	effectiveDate	E	G/L	M	N	Neutral	All	No	Date	CCY Y-MM-DD	The date on which the information contents of the master data version are valid. Valid = correct or true. This effective date can be used for initial trade item offering, or to mark a change in the information related to an existing trade item. This date would mark when these changes take effect. Examples: "2002-02-05"	This date will be used for version management. The effective date can be different from publication date. If a new user begins to synchronize data on this GTIN after the original effective date, the effective date = the publication date for the new user. Time zone of the information provider may be noted in future drafts of the GDD. ISO 8601 date format CCYY-MM-DD
Availability End Date and Time.	TradeItemDateInformation	endAvailabilityDateTime	E	G/L	O	N	N/Dependant	All	No	Date Time	CCY Y-MM-DDT HH:MM:SS	If the trade item is public only one date is valid per GTIN, GLN, TM combination. If Item is private there can be more than 1 value per TM. There is only one "end availability date" per GTIN/GLN/TM combination at any given time. In the case of seasonal trade items, only one start/end cycle can be in the data set version being synchronized. Therefore, a trade item cannot have multiple start/stop availability dates associated with it at any given time. Field is optional since most trade items are offered in an open ended environment. Is trading partner neutral for public trade items trading partner dependent for private trade items.	None as of 06-03-2005
End Date for Maximum Buying Quantity	TradeItemDateInformation	endDateMaximumBuyingQuantity	E	G/L	O	N	N/Dependant	All	No	Date Time	CCY Y-MM-DDT HH:MM:SS	The end date for when the maximum buying quantity is no longer available to the trading partner. Examples: "2002-02-05T17:00:00" February 5th 2002 5:00:00pm	None as of 06-03-2005
End Date for Minimum Buying Quantity	TradeItemDateInformation	endDateMinimumBuyingQuantity	E	G/L	O	N	N/Dependant	All	No	Date Time	CCY Y-MM-DDT HH:MM:SS	The end date for when the minimum buying quantity is no longer available to the trading partner. Examples: "2002-02-05T17:00:00" February 5th 2002 5:00:00pm	None as of 06-03-2005
End Date for Time of Exclusivity.	TradeItemDateInformation	endDateTimeOfExclusivity	E	G/L	O	N	N/Dependant	All	No	Date Time	CCY Y-MM-DDT HH:MM:SS	The Date & Time at which a product is no longer exclusive to that trading partner. Examples: "2002-02-05T17:00:00" February 5th 2002 5:00:00pm	None as of 06-03-2005

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
First Order Date	TradeItemDateInformation	firstOrderDate	E	G/L	O	N	N/Dependant	All	No	Date	CCY Y-MM-DD	Indicates the earliest date that an order can be placed for the trade item. Examples: "2002-02-05"	None as of 06-03-2005
First Ship Date	TradeItemDateInformation	firstShipDate	E	G/L	O	N	N/Dependant	All	No	Date	CCY Y-MM-DD	Indicates the earliest date that the trade item can be shipped. This is independent of any specific ship-from location. Examples: "2002-02-05"	None as of 06-03-2005
Last Order Date	TradeItemDateInformation	lastOrderDate	E	G/L	O	N	N/Dependant	All	No	Date	CCY Y-MM-DD	Indicates the latest date that an order can be placed for the trade item. Examples: "2002-02-05"	
Last Ship Date	TradeItemDateInformation	lastShipDate	E	G/L	O	N	N/Dependant	All	No	Date	CCY Y-MM-DD	Indicates the latest date that the trade item can be shipped. This is independent of any specific ship-from location. Examples: "2002-02-05"	
Date and Time of Last Update.	TradeItemDateInformation	lastChangeDateTime	E	G/L	M	N	Neutral	All	No	Date Time	CCY Y-MM-DDT HH:MM:SS	A system generated value identifying the date and time a record was last updated. This field allows the data pool to control the trade item data version, and allows the information user to determine if trade item data should be downloaded. Date format CCYY-MM-DDTHH:MM:SS. Examples: "2002-02-05T17:00:00" = February 5th 2002 5:00:00pm	System generated by the home data pool. Date format defined in ISO 8601- CCYY-MM-DDTHH:MM:SS
Publication Date	TradeItemDateInformation	publicationDate	E	G/L	M	N	N/Dependant	All	No	Date	CCY Y-MM-DD	A date on which all static data associated with the trade item becomes available for viewing and synchronization. Examples: "2002-02-05" February 5th 2002	There is only one release date per GTIN/TM/GLN combination. If a private trade item, the date can be trading partner dependent, if public, it is a trading partner neutral field. Date format is defined in ISO8601 –CCYY-MM-DD.
Availability Start Date and Time	TradeItemDateInformation	startAvailabilityDateTime	E	G/L	M	N	N/Dependant	All	No	Date Time	CCY Y-MM-DDT HH:MM:SS	The date (CCYY-MM-DDTHH:MM:SS) from which the trade item becomes available from the supplier, including seasonal or temporary trade item and services. Examples: "2002-02-05T17:00:00" February 5th 2002 5:00:00pm	If the trade item is public only one date (CCYY-MM-DDTHH:MM:SS) is valid per GTIN, GLN, TM combination. If Item is private there can be more than 1 value per TM. Needs to be earlier than "end availability date" This date indicates when the trade item can first be ordered by the buyer from the information provider. This date can be trading partner dependent if the trade item or service is defined as private. It is trading partner neutral if the trade item/service is public. It does not indicate when this trade item becomes available to the end consumer (see first sale date) There is only one start availability date per GTIN/GLN/TM combination. Date format is ISO8601 – CCYY-MM-DDTHH:MM:SS.
Maximum Buying Quantity Start Date	TradeItemDateInformation	startDateMaximumBuyingQuantity	E	G/L	O	N	N/Dependant	All	No	Date Time	CCY Y-MM-DDT HH:MM:SS	The start date and time for when the maximum buying quantity is available to the trading partner. Examples: "2002-02-05T17:00:00" February 5th 2002 5:00:00pm	None as of 06-03-2005
Minimum Buying Quantity Start Date	TradeItemDateInformation	startDateMinimumBuyingQuantity	E	G/L	O	N	N/Dependant	All	No	Date Time	CCY Y-MM-DDT HH:MM:SS	The start date for when the minimum buying quantity is available to the trading partner. Examples: "2002-02-05T17:00:00" February 5th 2002 5:00:00pm	None as of 06-03-2005

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Finish Description of Trade Item	TradeltemFinish	tradeltemFinishDescription	E	G	O	N	Neutral	Each	No	Description	70	Attribute which defines the outer surface/appearance of the product. Example: Antique brass, bright brass, oak or walnut finishBusiness	Until approved in the standards, use of "color" Attribute to define finish is acceptable. Would only need to be added on Consumer Unit Items.
Handling Instructions Code	TradeltemHandlingInformation	handlingInstructionsCode	E	G	O	Y	Neutral	Each	No	AN	5	Defines the information and processes needed to safely handle the trade item. Handling instructions is composed of both text and a language code. The language for text is specified using the two digit ISO 639-1988 list, for example, English is EN and French is FR. Examples: "DNF" – Do Not Freeze "FTD" – Frost danger "HS" – Heat sensitive "HWC" – Handle with care	Repeatable values are accepted. See Implementation Considerations and Concerns for more details.
Minimum Trade Item Lifespan from Time of Arrival	TradeltemHandlingInformation	minimumTradeltemLifespanFromTimeOfArrival	E	G/L	O	N	T.P Neutral & T.P. Dependent	Each	No	N	4	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 buyers distribution system. Can be repeatable upon use of GLN. Examples: "35"	This field is indicative of the normal Minimum Shelf Life. It is recognized that this figure may vary slightly depending upon locations of DC or Stores, therefore it is repeatable. This information is link to the Target Market. Must be expressed in number of days.
Stacking Factor	TradeltemHandlingInformation	stackingFactor	E	G	O	N	Neutral	All	No	N	6	A factor that determines the maximum stacking for the product. Indicates the number of levels the product may be stacked. Examples: Factor of "2" = trade item is stackable 2 high	Factor will indicate how many levels the particular product may be stacked in. The counting of the levels will always commence at 1 not 0.
Stacking Weight Maximum	TradeltemHandlingInformation	stackingWeightMaximum	E	G	O	N	Neutral	All	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	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 item one on top of the other. Examples: "500 KGM"	Used in conjunction with unit of measure.
Minimum Trade Item Lifespan from Time of Production	TradeltemHandlingInformation	minimumTradeltemLifespanFromTimeOfProduction	E	G/L	O	N	T.P Neutral & T.P. Dependent	Each	No	N	4	The period of day, guaranteed by the manufacturer, before the expiration date of the product, based on the production.	None as of 06-03-2005
Dangerous Goods Indicator	TradeltemHazardousInformation	dangerousGoodsIndicator	E	G/L	M	N	Neutral	All	No	Boolean	N/A	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 good, and thus is subject to the respective regulations.	Boolean Y/N Hazardous attributes relate to supply chain handling (e.g., transport, storage, handling). Technical Note: This Boolean question is answered by the application of class "TradeltemHazardousInformation".
Dangerous Goods Regulation Code	TradeltemHazardousInformation	dangerousGoodsRegulationCode	E	G	D	Y	Neutral	All	No	AN	3	Code indicating the classification system(s) of dangerous goods and/or the Agency(ies) responsible for it. Examples: "ADR" European agreement on the international carriage of dangerous goods on roads.	Various systems (ADR, RID, US49, IATA, etc.) exist and are used for hazard classification and identification. Repeatable field http://www.unece.org/trade/untdid/d99b/tred/tred8273.htm Hazardous attributes relate to supply chain handling (e.g., transport, storage, handling).

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Flash Point Temperature	TradeItemHazardousInformation	flashPointTemperature	E	G	D	Y	Neutral	Each	No	Measurement	Decimal 15, String 3 for Unit Of Measure	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.	Business Rules: Information required when dangerousGoodsRegulationcode is populated. Expressed in Celsius (or Centigrade) or Fahrenheit Format defined by UN/EDIFACT 7106 Has to be associated with valid UoM. Hazardous attributes relate to supply chain handling (e.g., transport, storage, handling).
Quantity of Completed Layers Contained in a Trade Item	TradeItemHierarchy	quantityOfCompleteLayersContainedInATradeItem	E	G	O	N	Neutral	Mixed Mod, Pallet, Display/Shipper, Case, Pack	No	N	6	The number of layers of the base trade item found in a trade item. Does not apply to the base trade item unit.	Only applies to logistic units (e.g. pallet, case, etc)
Quantity of Layer Per Pallet	TradeItemHierarchy	quantityOfLayersPerPallet	E	G	O	N	Neutral	Each	No	N	6	The number of layers that a pallet contains. Only used if the pallet has no GTIN. It indicates the number of layers that a pallet contains, according to supplier or retailer preferences.	Only used if the pallet has no GTIN. In this case it applies to the highest level of the item hierarchy and only 1 pallet configuration can be provided. It is highly recommended to use GTIN for Pallet identification.
Quantity of Trade Items Contained in a Completed Layer	TradeItemHierarchy	quantityOfTradeItemsContainedInACompleteLayer	E	G	O	N	Neutral	Mixed Mod, Pallet, Display/Shipper, Case, Pack	No	N	6	The number of trade items contained in a complete layer of a high packaging configuration. Used in hierarchical packaging structure of a trade item. Cannot be used for trade item base unit.	Only applies to logistic units (e.g. pallet, case, etc)
Quantity of Trade Items Per Pallet	TradeItemHierarchy	quantityOfTradeItemsPerPallet	E	G	O	N	Neutral	Mixed Mod, Pallet, Display/Shipper, Case, Pack	No	N	6	The number of trade items contained in a pallet. Only used if the pallet has no GTIN. It indicates the number of trade items placed on a pallet according to supplier or retailer preferences.	Only used if the pallet has no GTIN. In this case it applies to the highest level of the item hierarchy and only 1 pallet configuration can be provided. It is highly recommended to use GTIN for Pallet identification.
Quantity of Trade Items Per Pallet Layer	TradeItemHierarchy	quantityOfTradeItemsPerPalletLayer	E	G	O	N	Neutral	Pallet, MixedMod	No	N	6	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.	Only used if the pallet has no GTIN. In this case it applies to the highest level of the item hierarchy. It is highly recommended to use GTIN for Pallet identification.
Quantity of Inner Packs	TradeItemHierarchy	quantityOfInnerPack	E	G	O	N	Neutral	All	No	N	3	Indicates the number of non-coded physical groupings (innerpacks) of next lower level trade items within the current GTIN level. Examples: Case of 12 bottles of shampoo contains two non-coded plastic wrapped bundles each with six bottles. Value = "2"	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
Quantity of Next Lower Level Trade Items Within the Inner Pack	TradeItemHierarchy	quantityOfNextLevelTradeItemWithinInnerPack	E	G	O	N	Neutral	All	No	N	3	Indicates the number of next lower level trade items contained within the physical non-coded grouping (innerpack) Examples: Case of 12 bottles of shampoo contains two non-coded plastic wrapped bundles each with six bottles. Value = "6"	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
Import Classification Type	TradeItemImportIdentification	importClassificationType	E	G/L	O	N	Neutral	Each	No	Enum	N/A	This is a code to indicate the type of import classification for the Trade Item. Examples: 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.	None as of 06-03-2005

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Import Classification Value	TradeItemImportIdentification	importClassificationValue	E	G/L	O	N	Neutral	Each	No	AN	70	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.	Required on Import Products only.
Does Trade Item have a Batch Number? Y/N	TradeItemMarking	hasBatchNumber	E	L	O	N	New	Each	No	Boolean	N/A	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 a unique trade item.	Local legal requirement (E.g. Austria). Relevant only for certain industries.
Is a Non Sold Trade Item Returnable? Y/N	TradeItemMarking	isNonSoldTradeItemReturnable	E	G/L	O	N	Neutral	Each	No	Boolean	N/A	Indicates that the buyer can return the articles that are not sold. Used, for example; with magazines and bread. This is a y/n (Boolean) where y equals right of return. This is at least relevant to General Merchandise, Publishing industries and for some FMCG trade item. Examples: Business Rules: This attribute applies to certain industries, and applies to return of salable goods. This indicator identifies the general rule, and is not transaction based.	None as of 06-03-2005
Is Trade Item Marked as Recyclable? Y/N	TradeItemMarking	isTradeItemMarkedAsRecyclable	E	G/L	O	N	Neutral	Each	No	Boolean	N/A	Trade item has a recyclable indication marked on it, This may be a symbol from one of many regional agencies. Examples: Battery recycling logo placed on the battery, Refrigerators, Heat Pumps and Air Conditioners symbol, Paper marked as recyclable symbol, Plastic types marked as recyclable symbols.	This is a yes/no (Boolean) where yes equals trade item marked with ISO markings.
Material Weight	TradeItemMaterial	materialWeight	E	G/L	O	N	Neutral	Each	No	Measurement Value	Decimal 15, String 3 for Unit Of Measure	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.	Business Rules: Acceptable Units of Measure for fabric weight are: ON – Ounces per square yard (oz/yd2)GM - Grams per square meter (g/m²).
Thread Count	TradeItemMaterial	threadCount	E	G/L	O	N	Neutral	Each	No	Description	70	This element is used to specify the quality of material (fabric) of a trade item. Example: 300 threads per square inch for sheets.	May be used for marketing purposes (both to buyer and end consumer).

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Depth of Trade Item	TradeItemMeasurements	depth	E	G	M	N	Neutral	All	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	The measurement from front to back of the trade item. Examples: "5 MMT"	Measurements are relative to how the customer normally views the trade item. Orientation guidelines to be determined by PTRG within CR 02-000102 by Needs to be associated with a valid UoM. See Section 4.6 of the Implementation Considerations and Concerns for more detail on UoM.
Diameter of Trade Item	TradeItemMeasurements	diameter	E	G	O	N	Neutral	Each	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	The measurement of the diameter of the trade item at its largest point. Examples: 165 "mmt", value - mmt, diameter	Has to be associated with valid UoM. See Section 4.6 of the Implementation Considerations and Concerns for more detail on UoM.
Drained Weight of Trade Item	TradeItemMeasurements	drainedWeight	E	G	O	N	Neutral	Each	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	The weight of the trade item when drained of its liquid. Examples: 225 "gm", Jar of pickles in vinegar. Value, ounces, pounds, etc.	Applies to defined bricks of GCI Global trade item Classification - Mainly food trade item. Has to be associated with a valid UoM. See Section 4.6 of the Implementation Considerations and Concerns more detail on UoM.
Generic Ingredients in Trade Item	TradeItemMeasurements	genericIngredient	E	L	O	N	Neutral	Each	No	AN	35	Used, for pharmaceutical trade item to describe 1 or many generic ingredients within the trade item. Examples: "Paracetamol", "Codeine"	Sector specific and local extension. Can be repeated.
Gross Weight of Trade Item	TradeItemMeasurements	grossWeight	E	G	O	N	Neutral	All	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	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 itemGrossWeight includes the weight of the pallet itself. Examples: "200 gm", value - total pounds, total grams, etc	Has to be associated with a valid UoM. See Section 4.6 of the Implementation Considerations and Concerns for more detail on UoM.
Height of Trade Item	TradeItemMeasurements	height	E	G	M	N	Neutral	All	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	The measurement of the height of the trade item. The vertical dimension from the lowest extremity to the highest extremity, including packaging. At a pallet level the trade itemHeight will include the height of the pallet itself. Examples: "60 CMT"	Measurements are relative to how the customer normally views the trade item. Orientation guidelines to be determined by PTRG within CR 02-000102 by Needs to be associated with a valid UoM. See Section 4.6 of the Implementation Considerations and Concerns for more detail on UoM.

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Ingredient Strength in Trade Item	TradeItemMeasurements	ingredientStrength	E	G/L	O	N	Neutral	Each	No	AN	18	Used for pharmaceutical trade item to define the strength of each ingredient in a trade item or unit volume of the trade item. Examples: "100mg" for a tablet, "2%" for a liquid or ointment, where 100 and 2 represent the value, and mg and % are the units of measure	Sector specific extension pharmaceutical trade item. Can be locally mandatory based on each country's laws. Has to be associated with a valid unitBasisOfMeasure
Is the Net Content Declaration Indicated? Y/N	TradeItemMeasurements	isNetContentDeclarationIndicated	E	G/L	O	N	Neutral	Each	No	Boolean	N/A	This field is used to facilitate local business rules where a declaration of a trade item's net content is not on the product label e.g., UK under 50g.legislation	For a product without an on-pack net content declaration this field should be indicated as YES, weight should be communicated at the trade unit level.
Net Content of Trade Item	TradeItemMeasurements	netContent	E	G	O	N	Neutral	Each	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	The amount of the trade item contained by a package, as claimed on the label. (See examples) Examples: Evian Water 750ml - net content = "750 MLT" ; 20 count pack of diapers, net content = "20 ea."	In case of multi-pack, indicates the net content of the total trade item. For fixed value trade items use the value claimed on the package, to avoid variable fill rate issue that arises with some trade item which are sold by volume or weight, and whose actual content may vary slightly from batch to batch. In case of variable quantity trade items, indicates the average quantity. See Section 4.6 of the Implementation Considerations and Concerns for more detail on UoM.
Net Weight of Trade Item	TradeItemMeasurements	netWeight	E	G	O	N	Neutral	Mixed Mod, Pallet, Display/Shipper, Case, Pack	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	Used to identify the net weight of the trade item. Net weight excludes any packaging materials and applies to all levels but consumer unit level. Examples: "11.5 kgm" value - pounds, grams, etc.	For consumer unit, Net Content replaces Net Weight (can then be weight, size, volume). Has to be associated with a valid UoM. See Section 4.6 of the Implementation Considerations and Concerns more detail on UoM.
Price Comparison Content Type	TradeItemMeasurements	priceComparisonContentType	E	G	O	N	Neutral	All	No	Enum	N/A	Code indicating how the value in priceComparisonMeasurement is used to calculate the comparative price, which is printed on shelf labels.	None as of 06-03-2005
Price Comparison Measurement	TradeItemMeasurements	priceComparisonMeasurement	E	G	O	N	Neutral	All	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	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 netContent.	This field is dependent on the population of priceComparisonContentType and is required when priceComparisonContentType is used.
Trade Item Composition Width	TradeItemMeasurements	tradeItemCompositionWidth	E	G	O	N	Neutral	All	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	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 Space Manager always allocates Base Units in the shelf. Usually there are no pictures of Trade Units available and for Hypermarkets/Big Supermarkets there is a need to allocate whole trade units into the shelves.	None as of 06-03-2005

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependand	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Width of Trade Item	TradeltemMeasurements	width	E	G	M	N	Neutral	All	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	Measurements are relative to how the customer normally views the trade item. Orientation guidelines to be determined by PTRG with CR 02-000102 by Needs to be associated with a valid UoM. See Section 4.6 of the Implementation Considerations and Concerns for more detail on UoM.	None as of 06-03-2005
Agreed Maximum Buying Quantity	TradeltemOrderInformation	agreedMaximumBuyingQuantity	E	G/L	O	N	Dependant	All	No	N	9	The maximum quantity of the product available to the retailer.	None as of 06-03-2005
Agreed Minimum Buying Quantity	TradeltemOrderInformation	agreedMinimumBuyingQuantity	E	G/L	O	N	Dependant	All	No	N	9	Minimum buying quantity agreed between trading partners	None as of 06-03-2005
First Delivery Date and Time	TradeltemOrderInformation	firstDeliveryDateTime	E	G/L	O	N	Dependant	All	No	Date Time	CCY-MM-DDT HH:MM:SS	The earliest date at which the supplier can deliver the product to the trading partner.	None as of 06-03-2005
Goods Pick Up Lead Time	TradeltemOrderInformation	goodsPickUpLeadTime	E	G/L	O	N	Dependant	All	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	Time (in weeks, days, hours ...) required between order entry and the earliest goods release (use for pick-up, not use for delivery). Remark about ordering lead-time : Geographic distance from manufacturing / distribution point to delivery point impacts this value (relationship dependand data).	None as of 06-03-2005
Is the Trade Item Recordable?	TradeltemOrderInformation	isTradeltemReorderable	E	G/L	O	N	Dependant	All	No	Boolean	N/A	This element is an indicator that selected styles or trade items may or may not be re-ordered. It does not imply any information on current availability. Example: Some Designer's Merchandise, T-shirts printed out for a special event (commemorative items).	None as of 06-03-2005
Is Trade Item Based on Size Pricing? Y/N	TradeltemOrderInformation	isTradeltemSizeBasedPricing	E	G/L	O	N	Dependant	All	No	Boolean	N/A	This is an indicator that an item may be at a different price point than other similar SKUs (GTIN's price within a Style may differ).	None as of 06-03-2005
Ordering Lead Time	TradeltemOrderInformation	orderingLeadTime	E	G/L	O	N	Neutral	All	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	The normal delivery time measured from receipt of order by the seller until trade item is shipped by the seller. Examples: 12 hours, 48 hours, 4 days.	Geographic distance from manufacturing/distribution point to delivery point may impact this value. Related to time unit field. Must be associated with valid unit of measure.

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependand	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Order Quantity Maximum	TradeItemOrderInformation	orderQuantityMaximum	E	G/L	O	N	Dependant	All	No	N	9	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. Examples: - "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."	Value can vary on Trading Partner dependent basis. Quantity means number of this trade item level hierarchy. This field is relevant at any trade item hierarchy level, but does not need to be populated for all levels.
Order Quantity Minimum	TradeItemOrderInformation	orderQuantityMinimum	E	G/L	O	N	Dependant	All	No	N	9	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.	Value refers to the minimum order for this trade item hierarchy level. Cannot be a monetary figure. E.g. minimum order = \$100 of goods at cost. This field is relevant at any trade item hierarchy level, but does not need to be populated for all levels.
Order Quantity Multiple	TradeItemOrderInformation	orderQuantityMultiple	E	G/L	O	N	Neutral	All	No	N	9	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.	If the order quantity minimum is 100, and the order quantity multiple is 20, then the product can only be ordered in quantities which are divisible by the order quantity multiple of 20, eg 100, 120, 140 200 etc.
Order Sizing Factor	TradeItemOrderInformation	orderSizingFactor	E	G/L	O	N	Neutral	All	No	Measurement Value	Decimal 15, String 3 for Unit Of Measure	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. For example, factors may be used to cube a truck, reflecting different weights, and dimensions of trade item.	Assumes a standard size truck or lorry
Pallet Type Code	TradeItemPalletInformation	palletTypeCode	E	G/L	O	N	Neutral	Pallet	No	Character	3	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. The range of the pallet types/codes is listed in code sets. Examples: "200" = pallet ISO 0, 1/2 Euro pallet.	Only used if the pallet has no GTIN. In this case it applies to the highest level of the item hierarchy and only 1 pallet configuration can be provided. It is highly recommended to use GTIN for Pallet identification.
Pallet Terms and Conditions	TradeItemPalletInformation	palletTermsAndConditions	E	G/L	O	N	Neutral	Pallet	No	AN	2	Indicates if the pallet in the prescribed pallet configuration is rented, exchangeable, against deposit or one way (not reusable). Examples: "7E" for non-returnable pallet	Used in conjunction with a pallet GTIN. List of authorized values based on EANCOM 7073, X12 DE102 and X12 DE399.
Catalogue Price	TradeItemPriceDateInformation	cataloguePrice	E	G/L	O	N	Neutral	All	No	Amount	17.4	The gross price before application of any discounts, allowances, charges, taxes, etcetera. 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 (E.g. public catalogue population). Synonym: List price Examples: "USD 49.50", "EUR 350,00	CatalogPrice would reside within the Item master data. The Core Price model would contain class and price along with the class price type. These will be one of the numerated values for class price type in Core Price model. Implementation Note: This attribute is represented by UML role.

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Effective Start Date	TradeItemPriceDateIn formation	effectiveStartDate	E	G/L	D	N	N/Dependant	All	No	Date	CCM M- MM- DD	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. Examples: -2002-11-15	Format defined in ISO8601
Effective End Date	TradeItemPriceDateIn formation	effectiveEndDate	E	G/L	O	N	N/Dependant	All	No	Date	CCM M- MM- DD	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. Examples: 2005-12-31	PriceEndDate not required at time of initial price amount. Format defined by ISO8601
Suggested Retail Price	TradeItemPriceDateIn formation	suggestedRetailPrice	E	G/L	O	N	Neutral	Each	No	Amount	17.4	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. Examples: "value" USD1.90", "EUR 36"	As monetary amount field, this data element must be associated with a valid unit of measures. Changes in this value do not require a change in GTIN. ISO 4217 format three digit alpha code. When the suggestedRetailPrice is provided for information (and not on the package : priceOnPackIndicator = 'N') , it can be different per Target Market and becomes G / L. See Section 4.5 of Implementation Considerations and Concerns for more details.
Descriptive Size	TradeItemSizeDescription	descriptiveSize	E	G	O	N	Neutral	All	Yes	Description	35	An alphanumeric size factor the brand owner wishes to communicate to the consumer. IE Jumbo, Capri, Full Length, Maxi Examples: "Maxi", "Jumbo", "Mini", "7", "10 1/2", "small",	A descriptive size other than net content as labeled on consumer unit. Must be associated with a valid ISO language code from the attached table.
Size Code List Agency	TradeItemSizeDescription	sizeCodeListAgency	E	G	D	Y	Neutral	Each	No	AN	3	The parties controlling the size code list. Dependent on size code value. Examples: "25" EDITEX.	If size code is indicated, sizeCodeListAgency is required. Sector specific extension.
Size Code Value	TradeItemSizeDescription	sizeCodeValue	E	G	O	Y	Neutral	Each	No	AN	20	The value from a industry specific code list required to identify the size of the trade item. Can be a combination of values which fully describe the trade item size (32 waist, 36 inseam) Examples: Used in industries such as shoes, apparel, home linens "12 1/2 Med". Shoe, pants which are "32W by 36" I, Oval Table Cover that is "36x"	Sector specific extension. Refer to Attribute code list in Implementation section.
Maximum Temperature when Trade Item is Delivered to a Distribution Center	TradeItemTemperatureInformation	deliveryToDistributionCenterTemperatureMaximum	E	G	O	N	Neutral	Each	No	Multi Measurement Value	Decimal String 3 for Unit Of Measure	Permitted maximum temperature of the trade item on transport to the distribution center. Examples: "+6 C" or degrees F, value	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. See Section 4.6 of the Implementation Considerations and Concerns for more details of UoM.

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Minimum Temperature when Trade Item is Delivered to Distribution Center	TradeItemTemperatureInformation	deliveryToDistributionCenterTemperatureMinimum	E	G	O	N	Neutral	Each	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	Permitted minimum temperature of the trade item on transport to the distribution center. Examples: "+2 C" or degrees F, value	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. See Section 4.6 of the Implementation Considerations and Concerns for more details of UoM.
Maximum Temperature when Trade Item is Delivered to Market	TradeItemTemperatureInformation	deliveryToMarketTemperatureMaximum	E	G	O	N	Neutral	Each	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	Permitted maximum temperature of the trade item during delivery to market. Examples: "+7 C" or degrees F, value	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. See Section 4.6 of the Implementation Considerations and Concerns for more details of UoM.
Minimum Temperature when Trade Item is Delivered to Market	TradeItemTemperatureInformation	deliveryToMarketTemperatureMinimum	E	G	O	N	Neutral	Each	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	Permitted minimum temperature of the trade item during delivery to market. Examples: "+3 C" or degrees F, value	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. See Section 4.6 of the Implementation Considerations and Concerns for more details of UoM.
Maximum Humidity for Storage Handling	TradeItemTemperatureInformation	storageHandlingHumidityMaximum	E	G	O	N	Neutral	Each	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	The maximum humidity in percentages that the goods should be stored in.	None as of 06-03-2005
Minimum Humidity for Storage Handling	TradeItemTemperatureInformation	storageHandlingHumidityMinimum	E	G	O	N	Neutral	Each	No	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	The minimum humidity in percentages that the goods should be stored in.	None as of 06-03-2005
Maximum Temperature for Storage Handling	TradeItemTemperatureInformation	storageHandlingTemperatureMaximum	E	G	O	N	Neutral	All	Yes	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	The maximum temperature at which the trade item can be stored. This uses a measurement consisting of a unit of measure and a value. Examples: "+15 F" or degrees C, value	When no other information is provided (temperatures to market or/and distribution center), this value applies at any point of the supply chain. Temperature information is important for fresh trade item, dangerous goods and other trade items for which certain temperature limits are necessary for quality or safety reasons. Has to be associated with a valid UoM. See Section 4.6 of the Implementation Considerations and Concerns for more details on UoM.

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Minimum Temperature for Storage Handling	TradeItemTemperatureInformation	storageHandlingTemperatureMinimum	E	G	O	N	Neutral	All	Yes	Multi Measurement Value	Decimal 15, String 3 for Unit Of Measure	The minimum temperature at which the trade item can be stored. This uses a measurement consisting of a unit of measure and a value. Examples: "-30 C" or degrees F, value	When no other information is provided (temperatures to market or/and distribution center), this value applies at any point of the supply chain. Temperature information is important for fresh trade item, dangerous goods and other trade items for which certain temperature limits are necessary for quality or safety reasons. Has to be associated with a valid UoM. See Section 4.6 of the Implementation Considerations and Concerns for more details of UoM.
Is the Trade Item a Base Unit? Y/N	TradeItemUnitIndicator	TradeItemABaseUnit	E	G	M	N	Neutral	All	No	Boolean	N/A	An indicator identifying the trade item as the base unit level of the trade item hierarchy. This is a (Boolean) where y indicates the trade item is a base unit. Examples: A bundle pack of product is composed of packages without GTINs that cannot be sold individually. This bundle pack would then be a base item. If that same bundle pack contained individual packages that have a GTIN + could be individually sold it would not	None as of 06-03-2005
Is the Trade Item a Consumer Unit? Y/N	TradeItemUnitIndicator	TradeItemAConsumerUnit	E	G	M	N	Neutral	All	No	Boolean	N/A	Identifies whether the current hierarchy level of a trade item is intended for a 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. This value reflects the intention of the Information Provider which may not necessarily be the intention of the retailer. Examples: A multi-pack of paper towels and the individual paper towels contained in the multi-pack are both identified as a consumer unit.	There can be more than one consumer unit in one hierarchy
Is the Trade Item a Dispatch Unit? Y/N	TradeItemUnitIndicator	TradeItemADespatchUnit	E	G/L	M	N	Dependant	All	No	Boolean	N/A	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. This is y/n (Boolean) where y indicates the trade item is a dispatch unit	There can be more than one logistic unit in one hierarchy
Is the Trade Item an Invoice Unit? Y/N	TradeItemUnitIndicator	TradeItemAnInvoiceUnit	E	G/L	M	N	Dependant	All	No	Boolean	N/A	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.	There can be more than one invoicing unit in one hierarchy
Is the Trade Item an Orderable Unit? Y/N	TradeItemUnitIndicator	TradeItemAnOrderableUnit	E	G/L	M	N	Dependant	All	No	Boolean	N/A	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	There can be more than one ordering unit in one hierarchy
Is the Trade Item a Variable Unit? Y/N	TradeItemUnitIndicator	TradeItemAVariableUnit	E	G	M	N	Neutral	All	No	Boolean	N/A	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. Examples: Wheel of Cheese: The weight is about 25 kilograms, but it can be 24 kilogram or 27 kilogram.	Boolean Yes=variable, No=fixed. Applies to EAN.UCC bricks: Meat, Cheese, Fruits, Dairy trade item.
Price by Measure Type	TradeItemUnitIndicator	priceByMeasureType	E	G/L	O	N	Dependant	All	No	Enum	N/A	Indicator to show how a product is sold.	None as of 06-03-2005

Common Business Name	GDSN Class Name	Item Name	Core/Extension	Global Local Status	Cardinality M-O-D Mandatory, Optional, Dependent	Multiple Values Allowed	Neutral or Relationship Dependant	Product Hierarchy Reference Level	Common value to all product hierarchy	Type	Size	Definition	Business Rules
Variable Trade Item Type	TradeltemUnitIndicator	variableTradeltemType	E	G/L	O	N	Dependant	All	No	Enum	N/A	Indicator to show if a product is loose or pre-packed. Examples: Wheel of Cheese: The weight is about 25 kilograms, but it can be 24 kilogram or 27 kilogram	None as of 06-03-2005
Tax Agency Code	TaxAgency	taxAgencyCode	E	G/L	O	N	Neutral	All	No	AN	3	Identifies the agency responsible for the tax code list Examples: X1 = BE, ICODIF/EAN Belgium - Luxembourg	None as of 06-03-2005
Tax Type Code	TaxAgency	taxTypeCode	E	G/L	O	N	Neutral	All	No	AN	14	Identification of the type of duty or tax or fee applicable to the trade item. Examples: "3001000002138"	This will vary by target market. Repeatable field inside each possible target market.
Tax Type Description	TaxAgency	taxTypeDescription	E	G/L	O	N	Neutral	All	No	AN	35	Automatically generated text description of tax type code. Examples: "Taxes sure les supports audio"	None as of 06-03-2005
Tax Rate	TradeltemTaxRate	taxRate	E	G/L	O	Y	Neutral	All	No	N	3.2	The current tax or duty rate percentage applicable to the trade item	This will vary by target market. taxRate and taxAmount are mutually exclusive for each tax type. Percentage is implicit.
Tax Amount	TradeltemTaxAmount	taxAmount	E	G/L	O	Y	Neutral	All	No	Amount	13.4	The current tax or duty or fee amount applicable to the trade item. Examples: Value – " USD 1.06", "EUR 36"	As monetary amount field, this data element is must be associated with a valid unit of measure. taxRate and taxAmount are mutually exclusive for each tax type.
Is an Ingredient in the Trade Item Irradiated? Y/N	FMCGTradeltemMarketing	isIngredientIrradiated	E	G/L	M	N	Neutral	Each	No	Boolean	N/A	Indicates if radiation has been applied to a trade item's ingredient.	This requirement is handled through the FMCG Extension. Should only be submitted if a claim is made on the trade item.
Is the Raw Material of the Trade Item Irradiated? Y/N	FMCGTradeltemMarketing	isRawMaterialIrradiated	E	G/L	M	N	Neutral	Each	No	Boolean	N/A	Indicates if radiation has been applied to a trade item's raw material.	Note: This requirement is handled through the FMCG Extension. 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.
Is the Trade Item Genetically Modified? Y/N	FMCGTradeltemMarketing	isTradeltemGeneticallyModified	E	G/L	M	N	Neutral	Each	No	Boolean	N/A	Used to indicate whether trade item contains genetically modified contents. Examples: See code list	Note: This requirement is handled through the FMCG Extension.
Is the Trade Item Irradiated? Y/N	FMCGTradeltemMarketing	isTradeltemIrradiated	E	G/L	M	N	Neutral	Each	No	Boolean	N/A	Indicates if radiation has been applied to an trade item.	Note: This requirement is handled through the FMCG Extension. 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.
Degree of Original Wort in the Trade Item	FMCGTradeltemMeasurements	degreeOfOriginalWort	E	L	O	N	Neutral	All	No	Char	3	Specification of the degrees of original wort. Examples: 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.	Note: This requirement is handled through the FMCG Extension. Sector specific extension (alcoholic beverages) Local legal requirement (Austria)
Fat Percentage in Dry Matter	FMCGTradeltemMeasurements	fatPercentageInDryMatter	E	G	O	N	Neutral	Each	No	Percentage	3.2	The amount of fat contained in the base product expressed in percentage. Examples: '10'	Note: This requirement is handled through the FMCG Extension. Mainly concerns cheese and dairy trade items. Percentage is implicit.
Percentage of Alcohol By Volume	FMCGTradeltemMeasurements	percentageOfAlcoholByVolume	E	G	O	N	Neutral	Each	No	N	3.2	Percentage of alcohol contained in the base unit trade item. Examples: '12'	Note: This requirement is handled through the FMCG Extension. Sector specific extension. Percentage is implicit