



The Global Language of Business

GS1 Attribute Business Definitions Standard

Clear business name, definition and usage example of the attributes identified by the Consumer Goods Forum to support the business processes: verify; list/order; move/store; and sell product digitally and physically.

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1 Introduction

1.1 Background

The retail landscape is changing at an unprecedented rate. In this connected world, consumers increasingly rely on omni-channel information for purchasing decisions. Quality, standards-based information is paramount to the success of this new consumer-focused model and industry has looked to GS1 to provide the foundation required to support it.

Industry examined how required data (attributes) and definitions vary greatly by retailer and region leading to confusion at the consumer level and untold complexity and cost and requested GS1 facilitate a global effort to address the data inconsistencies that lead to challenges, particularly in a consumer-focused model. To help provide this, a simplified set of data attributes that include business friendly attribute names and definitions, but do not interrupt or change the current Global Data Synchronisation Network (GDSN) messaging, were demanded.

In the first phase, the Consumer Goods Forum (CGF) identified approximately 180 GDSN attributes which are critical for the business processes: verify; list/order; move/store; and sell product digitally and physically. It should be stressed that GDSN attribute names and definitions are not changed by this standard but are supplemented by the Business names and Definitions. This will help all, especially business users, clearly understand the GDSN attributes in a technology agnostic way as well as business examples of how they are used.

! **Important:** The names and definitions published here were agreed to by the GSMP Mission Specific Work Group. However, the industry requested the output also be provided in a simple, easy to use and navigable web support tool. This tool-set is expected to be accessible via the GS1 website www.gs1.org in later 2019 and include an excel version of **Table 2-1** which enables search, filtering and sharing of the business names and definitions.

For each GDSN Attribute identified by the Consumer Goods Forum (CGF), the following were developed:

- **Business Name:** A title clearly understandable to the business
- **Business Definition:** A clear, concise and business friendly definition
- **Examples:** One or more use case
- **Usage Statement:** Encapsulating the main scenario(s) where used

These are listed in section with the following fields:

- **Business Message Standard Identification Number (BMS ID #), GDSN Attribute, and GDSN Definition:** defined [GDSN Trade Item Module Library Business Message Standard](#) which can be consulted in the [GS1 Attribute Explorer](#)

1.2 Terms and definitions used in this guideline

Table 1-1 Summary of terms and acronyms used in this guideline

Term or acronym	Meaning
Code	A character string used as an abbreviated means of recording or identifying information.
GDSN Attribute	A product item attribute that has been <i>approved and modelled</i> . Approved means the attribute has been approved by industry through the GS1 Global Standards Management Process (GSMP). Modelled means that GS1 has developed the formatting structure, data type and defined valid values, if applicable, for the attribute.
GDSN Definition	The Global Data Synchronisation Network Attribute definition as defined in the GS1 Attribute Explorer
GDSN Name	The Global Data Synchronisation Network Attribute name as defined in the GDSN Trade Item Module Library Business Message Standard which can be consulted in the GS1 Attribute Explorer

2 Business Names, Business Definitions, Examples and Usage Statements per GDSN Attribute

Table 2-1 Full listing of by Business Name, The colour shading indicates information defined in the [GDSN Trade Item Module Library Business Message Standard](#) (which can be consulted in the [GS1 Attribute Explorer](#)):

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
56	isTradeltemABaseUnit	An indicator identifying the trade item as the base unit level of the trade item hierarchy.	Base Unit Indicator	The indicator that specifies this product does not contain another intended sellable unit.	<ul style="list-style-type: none"> • Case of soda • Shampoo and conditioner as a combo-pack where the combo-pack is the base unit • Show a combo-pack that is not a base unit • Case of chicken for food service 	Used to manage internal order/sell unit relationships and integration in conjunction with <i>Consumer Unit Indicator</i> .
57	isTradeltemAConsumerUnit	Identifies whether the trade item to be taken possession of, or to be consumed or used by an end user or both, as determined by the manufacturer. The end user could be, but is not limited to, a consumer as in items sold at retail, or a patient/clinician/technician in a healthcare setting, or an operator for foodservice such as restaurants, airlines, cafeterias, etc.	Consumer Unit Indicator	The indicator that specifies the product can be purchased or, in some trade channels (e.g., food service, healthcare), used by, the consumer.	<ul style="list-style-type: none"> • Container of guacamole • Carton of nutrition bars • Nutrition bar each • Single portion packet of ketchup (used in food service) with no barcode • Image showing a digital movie • Image showing a multi-beverage pack 	Used to manage internal order/sell item relationships and integration in conjunction with <i>Base Unit Indicator</i> .



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
58	isTradelItemADespatchUnit	An indicator identifying that the information provider considers the trade item as a despatch (shipping) unit. This may be relationship dependent based on channel of trade or other point to point agreement.	Shipping Unit Indicator	The indicator identifying that the information provider considers the trade item as a shipping unit.	<ul style="list-style-type: none"> • Image of a case of a product • Image of a pallet of product 	Used to indicate that a product can be shipped in conjunction with <i>Orderable Unit Indicator</i> .
60	isTradelItemAnOrderableUnit	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 a relationship dependent based on channel of trade or other point to point agreement	Orderable Unit Indicator	The indicator that specifies the product can be ordered.	<ul style="list-style-type: none"> • Image of a 15 pound bag of dog food with consumer unit = yes and orderable = yes • Image of jar of jelly with consumer unit = yes and orderable = no • Image of a case of jars of jelly with consumer unit = yes and orderable = yes 	Used to indicate that a product is orderable.
66	tradelItemUnitDescriptorCode	Describes the hierarchical level of the trade item. The attribute <code>tradelItemUnitDescriptorCode</code> is mandatory. Examples: "CASE", "PALLET".	Product Packaging Level Code	The code that describes the product's packaging level.	Show images of a product at multiple levels of the hierarchy, such as each, pack, case, pallet.	Used to communicate how the product hierarchy is constructed.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
67	gtin	A particular Global trade item Number, a numerical value used to uniquely identify a trade item. A trade item is any trade item (trade item 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.	GTIN (Global Trade Item Number)	The global number that uniquely identifies a product and its various packaging levels (e.g. item, case, pallet) physical or non-physical.	<ul style="list-style-type: none"> • Image of bottle of water with a highlight on the barcode number. Image of a case of a product with a highlight on the barcode number. • Image of a case of a product (as the first image) but then in a case and with a different GTIN on the case. 	Used for any product or service ordered, invoiced, shipped, or sold in store or online. Often represented as a barcode on the product.
68	additionalTradeItemIdentification	This optional code will be used to cross-reference the Vendors internal trade item number to the GTIN in a one to one relationship.	Additional Product Identification	An identifier, other than the GTIN, which provides an additional identification for the product.	<ul style="list-style-type: none"> • Image of a medical product with a GTIN and approval number highlighted. • Image of a packaged food good price list showing brand owner's internal item code. • Image of a laser printer with a model number on the package. 	Used for additional product identification that allows a buyer to identify a product by other identification systems. Used in conjunction with <i>Additional Product Identification Type Code</i>
69	additionalTradeItemIdentificationTypeCode	This code will be used to cross-reference the Vendors internal trade item number to the GTIN in a one to one relationship.	Additional Product Identification Type Code	The code indicating the type of Additional Product Identification used.	<ul style="list-style-type: none"> • Image of a medical product with a GTIN and approval number highlighted. • Image of a laser printer with a model number on the package. • Image of a packaged food good price list showing brand owner's internal item code. • We should have the type code and the value along with the image of the additional identifier. <p>Use in conjunction with <i>Additional Product Identification</i>.</p>	Used to declare the type of the additional product identification that allows a buyer to know which identification system is used.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
75	gln (brand Owner)	The Global Location Number (GLN) is a structured Identification of a physical location, legal or functional entity within an enterprise. The GLN is the primary party identifier. Each party identified in the trading relationship must have a primary party Identification.	Brand Owner GLN (Global Location Number)	The Global Location Number (GLN) that uniquely identifies the Brand Owner of the product.	Show examples when: <ul style="list-style-type: none"> • Brand Owner GLN = Info Provider GLN • Manufacturer GLN = Info Provider GLN • Distributor GLN = Info Provider GLN • Service Company GLN = Info Provider GLN on behalf of the Brand Owner 	Used by the seller to communicate the GLN of the brand owner to the buyer. It allows the buyer to identify the Brand Owner. Used by the buyer for internal validation and to support some B2B processes.
77	partyName (brand owner name)	The name of the party expressed in text.	Brand Owner Name	The name of the Brand Owner.	Show examples when: <ul style="list-style-type: none"> • Brand Owner Party Name = Info Provider Party Name • Manufacturer Party Name = Info Provider Party Name • Distributor Party Name = Info Provider Party Name • Service Company Party Name = Info Provider Party Name on behalf of the Brand Owner 	Used to provide the Brand Owner name to buyers and consumers.
83	gln (info provider)	The Global Location Number (GLN) is a structured Identification of a physical location, legal or functional entity within an enterprise. The GLN is the primary party identifier. Each party identified in the trading relationship must have a primary party Identification.	Product Data Provider GLN (Global Location Number)	The Global Location Number (GLN) used to uniquely identify the party providing the product information.	Show examples when: <ul style="list-style-type: none"> • Brand Owner GLN = Info Provider GLN • Manufacturer GLN = Info Provider GLN • Distributor GLN = Info Provider GLN • Service Company GLN = Info Provider GLN on behalf of the Brand Owner 	Used to identify the source of product information. Used by the buyer to determine the preferred or relevant data source for a product when data is received from multiple sources.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
85	partyName (info provider name)	The name of the party expressed in text.	Product Data Provider Name	The name of the party providing the product information.	Show examples when: <ul style="list-style-type: none"> • Brand Owner Party Name = Info Provider Party Name • Manufacturer Party Name = Info Provider Party Name • Distributor Party Name = Info Provider Party Name • Service Company Party Name = Info Provider Party Name on behalf of the Brand Owner 	Used to name the source providing the product information. Used by the buyer to determine the preferred or relevant data source for a product when data is received from multiple sources.
91	gln (mfg)	The Global Location Number (GLN) is a structured Identification of a physical location, legal or functional entity within an enterprise. The GLN is the primary party identifier. Each party identified in the trading relationship must have a primary party Identification.	Manufacturing GLN (Global Location Number)	The Global Location Number (GLN) that uniquely identifies the party who owns the manufacturing process of the product.	Show examples when: <ul style="list-style-type: none"> • Brand Owner GLN = Info Provider GLN • Manufacturer GLN = Info Provider GLN • Distributor GLN = Info Provider GLN • Service Company GLN = Info Provider GLN on behalf of the Brand Owner 	Used by the seller to communicate the GLN of the owner of the manufacturing process to the buyer. It allows the buyer to identify the owner of the manufacturing process. Used by the buyer for internal validation and to support some B2B processes.
93	partyName (mfg name)	The name of the party expressed in text.	Manufacturer Name	The name of the manufacturer.	Show examples when: <ul style="list-style-type: none"> • Brand Owner Party Name = Info Provider Party Name • Manufacturer Party Name = Info Provider Party Name • Distributor Party Name = Info Provider Party Name • Service Company Party Name = Info Provider Party Name on behalf of the Brand Owner 	Used to identify the name of the owner of the manufacturing process.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
112	targetMarketCountryCode	The code that identifies the target market. The target market is at country level or higher geographical definition and is where a trade item is intended to be sold.	Country Of Sale Code	The code representing the country where the physical or non-physical product is intended to be sold.	An image of two identical products with French and German on the pack, target market of Germany and France.	Used to determine the intended country(ies) of sale.
115	referencedTradeItemTypeCode	A code depicting the type of trade item that is referenced for a specific purpose for example substitute, replaced by, equivalent trade items.	Referenced GTIN Type Code	The code indicating the relationship to the referenced GTIN such as substituted or replaced.	Image of the code list showing the relationship options: substitute, replacement, temporary replacement, equivalent. Use the same example as <i>Referenced GTIN</i>	Used to inform the buyer of the type of relationship to the referenced product.
116	referencedTradeItem/GTIN	A particular Global trade item Number, a numerical value used to uniquely identify a trade item. A trade item is any trade item (trade item 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.	Referenced GTIN	The GTIN of a product where a permanent or temporary change to the product needs to be referenced.	Image of two very similar chocolate bars, with two separate GTINs, where one is replacing the other and is marked 'new and improved'. Show along with <i>Referenced GTIN Type Code</i>	Used to inform the buyer of the referenced product GTIN. Used by the buyer for inventory, marketing, placement, and pricing business workflows.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
121	availableTime	The time that a specific contact for a Trade Item is available for contact.	Contact Information Available Time	The time the contact is available.	<ul style="list-style-type: none"> Accounting contact details shown with accounting contact information shown on an invoice Product recall contact details shown with a recall notice and contact information Consumer Support contact details shown with consumer support phone number or website BZL - Licensee Registrar showing name and address of distributor, CXC - Consumer Support or GR - Goods receiving contact DQT - Contact for local sales representative, including GLN. <p>Show products for each code selected in the examples.</p> <p>Include all of these related attributes in each of the examples to clearly demonstrate the relationship between them: <i>Contact Type Code</i>; <i>Contact Method Code</i>; <i>Contact Information Available Time</i>; <i>Contact Address</i>; <i>Contact</i>; <i>Contact Information GLN (Global Location Number)</i>; <i>Contact Details</i></p>	Used by the seller to communicate to the buyer the time the contact is available for business processes or for consumer information, relative to the <i>Contact Type Code</i> .



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
123	contactAddress	The address associated with the contact type. For example, in case of a contact type of CONSUMER_SUPPORT, this could be the full company address as expressed on the trade item packaging or label.	Contact Address	The contact's postal or physical address.	<ul style="list-style-type: none"> Accounting contact details shown with accounting contact information shown on an invoice Product recall contact details shown with a recall notice and contact information Consumer Support contact details shown with consumer support phone number or website BZL - Licensee Registrar showing name and address of distributor, CXC - Consumer Support or GR - Goods receiving contact DQT - Contact for local sales representative, including GLN. <p>Show products for each code selected in the examples.</p> <p>Include all of these related attributes in each of the examples to clearly demonstrate the relationship between them: <i>Contact Type Code; Contact Method Code; Contact Information Available Time; Contact Address; Contact; Contact Information GLN (Global Location Number); Contact Details</i></p>	Used by the seller to communicate to the buyer the contact's postal/physical address for business processes or consumer information. Postal/physical address is not an option in the <i>Contact Method Code</i> .



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
126	contactName	The name of the company or person associated with the contact type. For example, in case of a contact type of CONSUMER_SUPPORT, this could be the company name as expressed on the trade item packaging or label.	Contact	The contact, such as a person, company or department.	<ul style="list-style-type: none"> Accounting contact details shown with accounting contact information shown on an invoice Product recall contact details shown with a recall notice and contact information Consumer Support contact details shown with consumer support phone number or website BZL - Licensee Registrar showing name and address of distributor, CXC - Consumer Support or GR - Goods receiving contact DQT - Contact for local sales representative, including GLN. <p>Show products for each code selected in the examples.</p> <p>Include all of these related attributes in each of the examples to clearly demonstrate the relationship between them: <i>Contact Type Code</i>; <i>Contact Method Code</i>; <i>Contact Information Available Time</i>; <i>Contact Address</i>; <i>Contact</i>; <i>Contact Information GLN (Global Location Number)</i>; <i>Contact Details</i></p>	Used by the seller to communicate to the buyer the name of the contact for business processes or for consumer information, relative to the <i>Contact Type Code</i> .



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
127	contactTypeCode	The general category of the contact party for a trade item for example Purchasing.	Contact Type Code	The code specifying the type of contact for a product.	<ul style="list-style-type: none"> • Accounting contact details shown with accounting contact information shown on an invoice • Product recall contact details shown with a recall notice and contact information • Consumer Support contact details shown with consumer support phone number or website • BZL - Licensee Registrar showing name and address of distributor, CXC - Consumer Support or GR - Goods receiving contact • DQT - Contact for local sales representative, including GLN. <p>Show products for each code selected in the examples.</p> <p>Include all of these related attributes in each of the examples to clearly demonstrate the relationship between them: <i>Contact Type Code; Contact Method Code; Contact Information Available Time; Contact Address; Contact; Contact Information GLN (Global Location Number); Contact Details</i></p>	Used by the seller to communicate to the buyer the type of contact for business processes or for consumer information.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
128	gln (contact info)	The Global Location Number (GLN) is a structured Identification of a physical location, legal or functional entity within an enterprise. The GLN is the primary party identifier. Each party identified in the trading relationship must have a primary party Identification.	Contact Information GLN (Global Location Number)	The Global Location Number (GLN) that uniquely identifies the party's contact information.	An EDI purchase order showing contact information GLN and related party information versus global (e.g. a global corporation has a macro level GLN, but they have more regional/local GLNs that may be in the Enterprise Resource Planning (ERP) system of the buyer).	Used by the seller to communicate the GLN of the party associated with the contact information to the buyer. It allows the buyer to identify the party associated with the contact information. Used by the buyer for internal validation and to support some B2B processes.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
134	communication ChannelCode	specifying the type of communication channel, for example TELEPHONE.	Contact Method Code	The code specifying the method of communication to reach the contact.	<ul style="list-style-type: none"> • Accounting contact details shown with accounting contact information shown on an invoice • Product recall contact details shown with a recall notice and contact information • Consumer Support contact details shown with consumer support phone number or website • BZL - Licensee Registrar showing name and address of distributor, CXC - Consumer Support or GR - Goods receiving contact • DQT - Contact for local sales representative, including GLN. • Email • Mobile website • Social Media • Telefax • Telephone • Website <p>Show products for each code selected in the examples.</p> <p>Include all of these related attributes in each of the examples to clearly demonstrate the relationship between them: <i>Contact Type Code</i>; <i>Contact Method Code</i>; <i>Contact Information Available Time</i>; <i>Contact Address</i>; <i>Contact</i>; <i>Contact Information GLN (Global Location Number)</i>; <i>Contact Details</i></p>	Used by the seller to communicate to the buyer the contact method for business processes or for consumer information, relative to the <i>Contact Type Code</i> .



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
135	communication Value	Text identifying the endpoint for the communication channel, for example a telephone number or an e-mail address.	Contact Details	The detailed information used to communicate with the contact, such as the telephone number, email address or web site address.	<ul style="list-style-type: none"> • Accounting contact details shown with accounting contact information shown on an invoice • Product recall contact details shown with a recall notice and contact information • Consumer Support contact details shown with consumer support phone number or website • BZL - Licensee Registrar showing name and address of distributor, CXC - Consumer Support or GR - Goods receiving contact • DQT - Contact for local sales representative, including GLN. <p>Show products for each code selected in the examples.</p> <p>Include all of these related attributes in each of the examples to clearly demonstrate the relationship between them: <i>Contact Type Code; Contact Method Code; Contact Information Available Time; Contact Address; Contact, Contact Information GLN (Global Location Number); Contact Details</i></p>	Used by the seller to communicate to the buyer the value associated with the Contact Method Code that can be used to communicate with the contact.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
144	effectiveDateTIme	Date on which the information of the master data is valid for order to pay.	Product Information Effective Date/Time	The date/time when the product information becomes effective.	<p>The seller is making a minor change in compliance with the GS1 GTIN Management Standard (https://www.gs1.org/sites/default/files/docs/barcodes/GS1_GTIN_Management_Standard.pdf), such as package markings or a new accreditation label, and wants to inform buyer of the date/time the change will be begin.</p> <p>Note: In some instances, this value could be generated by a system.</p>	Used by the data recipient to determine the date/time when the product information should be applied in their system.
149	displayTypeCode	A code determining the type of display a trade item is, for example Shelf Display Ready Packaging.	Display Type Code	The code describing the type of product display.	<ul style="list-style-type: none"> • Images and codes of candy in a shelf-ready display • Battery shipper • Shelf display ready packaging 	Used to communicate display readiness and configuration.
151	isTradeItemADisplayUnit	An indicator whether or not a trade item is or could be used as a display unit. A display unit is intended to be shipped to a store without being split at a distribution centre or similar party and is intended to be displayed in a retail store either on a shelf or on the shop floor.	Display Unit Indicator	The indicator that specifies a trade item can be used as a display.	<ul style="list-style-type: none"> • Image of a shelf-ready display, sitting on the shelf • Drop pallet of cereal • Shipper of DVDs 	<p>Used by the buyer for promotional planning and logistics</p> <p>Used for shelf planning and reduces stocking time.</p>



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
161	gpcCategoryCode	Code specifying a product category according to the GS1 Global Product Classification (GPC) standard.	Global Product Category Code	The code used to group products based on similar characteristics according to the GS1 Global Product Classification (GPC).	An image that highlights three different products in the same GPC with the GPC code and description (no attributes, just the GPC brick).	Used for multiple use cases such as data quality, category management, space management and workflow routing.
199	quantityOfChildren	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.	Number of Different Products	The number of different products, each with a unique GTIN, within this item.	<ul style="list-style-type: none"> • <u>Quantity tab</u> • <u>a multi-pack</u> • <u>a case of single product</u> • <u>a pallet of cases of a single product</u> • <u>a pallet of different products (different cases)</u> 	Used by a buyer and/or consumer to understand what type of product they are receiving; also used for inventory/warehouse management.
200	totalQuantityOfNextLowerLevelTradeItem	This represents the Total quantity of next lower level trade items that this trade item contains.	Total Count of All Products	The total count of all products within this item.	<ul style="list-style-type: none"> • <u>Quantity tab</u> • <u>a multi-pack</u> • <u>a case of single product</u> • <u>a pallet of cases of a single product</u> • <u>a pallet of different products (different cases)</u> 	Used by a buyer and/or consumer to understand what type of product they are receiving; also used for inventory/warehouse management.
202	quantityOfNextLowerLevelTradeItem	The number of one child trade item (as identified by the association of ChildTradeItem class to TradeItemIdentification class) contained by the parent trade item. The child trade item must be in the hierarchy level immediately below the parent trade item.	Count of Each Specific Product	The count of each specific product within this item.	<ul style="list-style-type: none"> • <u>Quantity tab</u> • <u>a multi-pack</u> • <u>a case of single product</u> • <u>a pallet of cases of a single product</u> • <u>a pallet of different products (different cases)</u> 	Used by a buyer and/or consumer to understand what type of product they are receiving; also used for inventory/warehouse management.
273	sunProtectionFactor	It is a measure of Ultra Violet B (UVB) radiation protection and ranges from 1 to 90.	Sun Protection Factor (SPF)	The rating of how well a product will protect the skin from UV rays.	SPF 35, 45, 75+	Used to notify the buyer and consumer of the SPF ratings to group similar products and for consumer purchasing decisions.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
352	percentageOfAlcoholByVolume	Percentage of alcohol contained in the base unit trade item.	Alcohol Percentage	The percentage of alcohol by volume contained in the product.	Packaging or label that shows the percentage of alcohol. Beer shows %ABV (alcohol by volume).	Used to communicate to the buyer and the consumer the percentage of alcohol by volume contained in the product. Based on the %alcohol, the buyer can make an informed decision if the product can be sold in-store. Alcohol percentage may be used to calculate tax.
370	allergenStatement	Textual description of the presence or absence of allergens as governed by local rules and regulations, specified as one string.	Allergen Statement	The statement to the consumer on the presence of allergens, based on local rules or regulations, as stated on the product packaging.	Image of a chocolate bar without nuts showing multiple statements on the label: Contains MILK, may contain GLUTEN, made in a factory where NUTS are present.	Used to indicate to the consumer and buyer the presence of allergens in a product.
373	isAllergenRelevantDataProvided	Determines whether allergen information is populated for those values which are relevant or required to be populated on the product label or label equivalent. All values not populated are not relevant or not required to be populated on the product label by local regulations.	Allergen Declarations Indicator	The indicator used by the seller to confirm whether the relevant allergen data provided for the product is complete.	<ul style="list-style-type: none"> • Show an example of a listing for a preliminary product, where the allergens are not yet confirmed. • Image of packaging with the allergen statement on it. 	Used by the seller to confirm to the buyer that all relevant allergen information is complete.
375	allergenTypeCode	Code indicating the type of allergen.	Allergen Type Code	The code to indicate a specific allergen.	Image of the allergen code list with various allergens ticked.	Used to communicate allergen types to the buyer so retailer websites/stores can facilitate search and discovery for the consumer.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
376	levelOfContainmentCode	Code indicating the level of presence of the allergen.	Allergen Containment Code	The code to indicate the precision of an allergen in a product.	Image of three different products with the following statements appearing on each one: Contains NUTS, May contain NUTS.	Used to communicate to the consumer and the buyer the allergen containment status: Contains; May contain or Free from.
600	areBatteriesIncluded	Indicates if batteries are either included or not included with the trade item.	Batteries Included Indicator	The indicator specifying whether batteries are included with the product.	<ul style="list-style-type: none"> • Image of a smartphone with non-removable battery. • Image of a toy with removable batteries. • Image of an electric toothbrush. 	Used by the buyer to inform the consumer whether batteries are included with the product. Online retailer can suggest battery purchase. Used to flag waste or shipping restrictions.
601	areBatteriesRequired	Indicates if batteries are required to operate the electronic game.	Batteries Required Indicator	The indicator specifying whether batteries are required to operate the product, including built in batteries and removable batteries.	<ul style="list-style-type: none"> • Image of a toy that requires two batteries. • Image of a toy that requires four batteries. • A product with a rechargeable battery in it. Flashlight, electric toothbrush with a fixed battery that can be recharged. 	Used by the buyer to inform the consumer whether batteries are required to operate the product. Used in conjunction with <i>Batteries Included Indicator</i> , <i>Number of Batteries Required</i> , <i>Batteries Built In Indicator</i> , and <i>Number of Batteries Built In</i> .
612	areBatteriesBuiltIn	This code is defined as an indicator whether or not any batteries included with the trade item are built into the trade item during manufacturing and cannot be changed or removed.	Batteries Built In Indicator	The indicator specifying whether batteries are built into the product.	<ul style="list-style-type: none"> • Image of a toy that requires two batteries. (no) • Image of a toy that requires four batteries. (no) • A product with a rechargeable battery in it. Electric toothbrush with a fixed battery that can be recharged. (yes) • A Bluetooth GPS finder with a built in battery (e.g. TILE). (yes) 	Used by the buyer to inform the consumer if batteries are built into the product. Used to highlight waste, storage or shipping restrictions.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
613	batteryTechnologyTypeCode	The type of battery family (e.g. Lithium, NiMH) of batteries used by the product.	Battery Material Type Code	The code which indicates the material of the battery.	Image of several battery types showing the waste restrictions. For example, battery material of Lithium or NiMH. Example: electric toothbrush	Used by the buyer to inform the consumer of the battery material for proper handling. Used to highlight waste, storage or shipping restrictions.
614	batteryTypeCode	Type of battery required to operate the game. If "Are Batteries Required" or if "Quantity of Batteries" is populated or if "Are Batteries Included" = "Yes" this attribute is required.	Battery Size Type Code	The code which indicates the physical size/shape of the battery used to operate the product.	Image of different sized batteries (i.e. AA, AAA) including the product that the batteries are used for, alongside the code list. Example: toothbrush, battery packs of different sizes, watch, flashlight	Used by the buyer to inform the consumer of the size of the battery needed for the product. Often used in conjunction with <i>Battery Material Type Code</i> .
617	quantityOfBatteriesBuiltIn	The quantity of batteries built into the trade item during manufacturing. This includes batteries that can or cannot be changed or removed.	Number of Batteries Built In	The number of batteries built into the product.	<ul style="list-style-type: none"> • A product with two rechargeable batteries in it: two batteries. • Electric toothbrush with a fixed battery that can be recharged: one battery. • A Bluetooth GPS finder with a built in battery (e.g. TILE): one battery. 	Used by the buyer to inform the consumer of the number of batteries built into the product. Used to highlight waste, storage or shipping restrictions.
618	quantityOfBatteriesRequired	The number of batteries required to operate the trade item.	Number of Batteries Required	The number of batteries required to operate the product.	<ul style="list-style-type: none"> • Image of a toy that requires two batteries. • Image of a toy that requires four batteries. • A product with a rechargeable battery in it. Flashlight, electric toothbrush with a fixed battery that can be recharged. 	Used by the buyer to inform consumer of the number of removable or reusable batteries to operate the product.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
789	consumerStorageInstructions	Expresses in text the consumer storage instructions of a product which are normally held on the label or accompanying the product. This information may or may not be labeled on the pack. Instructions may refer to a suggested storage temperature, a specific storage requirement.	Product Storage Instructions	The instructions and information provided to the consumer about proper storage for the product.	<ul style="list-style-type: none"> • Refrigerate after opening • Keep out of direct sunlight 	Used to provide instructions and information to the consumer about the proper storage of the product for safety, quality, or taste.
791	consumerUsageInstructions	Expresses in text the consumer usage instructions of a product which are normally held on the label or accompanying the product. This information may or may not be labeled on the pack. Instructions may refer to a the how the consumer is to use the product, This does not include storage, food preparations, and drug dosage and preparation instructions.	Product Usage Instructions	The instructions and information provided to the consumer on the usage of the product.	<ul style="list-style-type: none"> • For cleansing products: wash face and apply to skin • For food: best served chilled 	Used to provide instructions and information to the consumer about the recommended use of the product. May be used to provide serving suggestions for food.
795	consumerAssemblyInstructions	The instructions on how to assemble the trade item.	Product Assembly Instructions	The instructions on how to assemble the product for final consumer usage.	Text instructions on how to assemble a product.	Used by the buyer's customer service to answer questions about product assembly and to assemble the product for the consumer. Used by the consumer to assemble the product.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
986	dangerousHazardousLabelNumber	A visible number indicating the specific risk and thus the required precautions associated with a dangerous or hazardous good for example, the indication of the hazardous label number according to chapter 3.2, table A of the ADR.	Hazardous Label Number	The visible number indicating the specific risk and precaution associated with dangerous goods.	<p><i>2.1 Flammable gases</i></p> <p><i>2.2 Non flammable, non-toxic gases</i></p>	Used to communicate the visible number(s) on the transport vehicle that specify the risks to health, safety, property or the environment. Used in conjunction with the <i>Hazardous Label Sequence Number</i> .
987	dangerousHazardousLabelSequenceNumber	A sequence number indicating the primacy of one dangerous/hazardous label number over another. For example, a value of 1 would indicate that the associated hazard label number is the primary, 2 = secondary, etc.	Hazardous Label Sequence Number	The sequence number indicating the level of danger represented by the <i>Hazardous Label Number</i> .	A value of 1 would indicate that the associated hazard label number is the primary danger, 2 = secondary danger, etc.	Used by the seller to describe to the buyer the level and order of dangerous/hazardous label number for the purpose of transporting. Used in conjunction with the <i>Hazardous Label Number</i> .



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
1001	consumerFirstAvailabilityDateTime	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-DDTHH:MM:SS.	Consumer Sell Date/Time	The date/time when the product can first be sold to or ordered by the consumer.	<ul style="list-style-type: none"> A cell phone manufacturer sets the date/time for the sale of a new cell phone to the public. This date/time is the <i>Consumer Sell Date</i> and is when retailers can publish details about the phone on their website and begin to take orders. The phone is not available for delivery or physical pick-up until a later date/time, which is the <i>Consumer Restricted Delivery Date/Time</i>. A seller is releasing a new potato chip and the seller has a promotional announcement to the public introducing the product on the same day the product is available for purchase by the consumer. In this scenario, there is no <i>Consumer Restricted Delivery Date/Time</i>. 	Used by the seller to communicate to the buyer when a product can first be sold to or ordered by the consumer. If there is not a <i>Consumer Restricted Delivery Date/Time</i> , this is also the date when the consumer can take physical possession of the product.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
1002	endAvailabilityDateTime	The date from which the trade item is no longer available from the information provider, including seasonal or temporary trade item and services. Use this instead of (discontinue date)	Product End Availability Date/Time	The date/time when the product is no longer available for order from the seller.	<ul style="list-style-type: none"> • Christmas ornament is no longer available to be ordered as of 12-December-2035. • Wine vintage 1925 is no longer available to be ordered as of 02-May-2019. • A bonus toothpaste item with a GTIN different from the base item is no longer available to be ordered as of 16-April-2020. • The brand owner has discontinued Sour Cream and Onion chips. The End Availability Date is 01-Nov-2035. 	Used by the seller to communicate to the buyer when a product is no longer available for order, including seasonal trade items. Enables the buyer to manage item life cycle processes.
1008	firstShipDateTime	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.	First Ship Date/Time (to be deprecated)	The date/time the product is first available to ship from the seller or the service is available. Link to <i>First Ship Date/Time</i> .	Skin care lotion is first available to ship on 01-Nov-2035.	Used by the seller to communicate to the buyer when the product is first available to ship or the service is available to begin.
1020	orderQuantityMinimum	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.	Minimum Orderable Quantity	The minimum quantity of the product required on a single order by the seller.	<p>Vendor A has a minimum order requirement of 200 for Item A.</p> <p>Minimum order quantity could be one pallet or one pallet layer or one master carton or one tray.</p>	Used by the seller and the buyer to ensure that the orders are at sufficient enough level to meet shipping and processing requirements.
1025	startAvailabilityDateTime	Use this date instead of first ship date. Date on which the product will become available for orders/shipments.	First Ship Date/Time	The date/time the product is first available to ship from the seller or the service is available.	Skin care lotion is first available to ship on 01-Nov-2035.	Used by the seller to communicate to the buyer when the product is first available to ship or the service is available to begin.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
1029	consumerFirstDeliveryDate	The first date/time that the buyer is allowed to deliver or ship the trade item to consumers. Usually related to a specific geography.	Consumer Restricted Delivery Date/Time	The date/time when the consumer can first take physical possession of the product when there is a restriction imposed by the seller.	<ul style="list-style-type: none"> A cell phone manufacturer sets the date/time for the sale of a new cell phone to the public. This date/time is the <i>Consumer Sell Date</i> and is when retailers can publish details about the phone on their website and begin to take orders. The phone is not available for delivery or physical pick-up until a later date/time, which is the <i>Consumer Restricted Delivery Date/Time</i>. A seller is releasing a new potato chip and the seller has a promotional announcement to the public introducing the product on the same day the product is available for purchase by the consumer. In this scenario, there is no <i>Consumer Restricted Delivery Date/Time</i>. 	Used by the seller to communicate to the buyer the date/time when the consumer can physically take possession of the product. Online: the buyer ships the product to the consumer and the consumer would expect to receive the product on this date or after. Physical: the date the consumer could visit a physical site and take possession of the product.
1066	dietTypeCode	Code indicating the diet the product is suitable for.	Dietary Regime Code	The code indicating the diet the product is suitable for.	Images of product labels marked with diet types such as Vegan, Halal, Vegetarian	Used by the seller to notify buyers and consumers about the dietary regime that a product may belong to. This is not an indication of certification and may not appear on the physical product. It could also be used to market specific products based on dietary regime.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
1152	dutyFeeTaxTypeCode	Identification of the type of duty or tax or fee applicable to the trade item. This will vary by target market.	Tax Type Code	The code identifying a specific type of tax, levy, duty or fee associated with the type of product or service.	VAT, Packaging/Recycling Tax, Alcohol Tax	Used to communicate the type of tax, levy, duty or fee applied to the product. Used to identify the portion of the invoice that is tax. Used to communicate to the buyer the amount of levy, duty or fee that they will need to pay. This is a local code list. https://www.gs1.org/standards/gdsn/3-x
1153	dutyFeeTaxTypeDescription	A description of tax type for example "Taxes sure les supports audio".	Tax Type Code Description	The description of the code that identifies a specific type of tax, levy, duty or fee associated with the type of product or service.	<ul style="list-style-type: none"> • VAT • Packaging/Recycling Tax • Alcohol Tax 	Used by the buyer to understand the meaning of the <i>Tax Type Code</i> .
1175	dutyFeeTaxCategoryCode	Depicts the applicability of the tax rate or amount for a trade item for example zero, low or exempt.	Tax Category Code	The code representing the level of tax rate applied by a government to the product.	<ul style="list-style-type: none"> • STANDARD • LOW • ZERO • EXEMPT 	Used to communicate to the buyer the type of rates for taxes or levies applied to a product or service.
1268	ingredientStatement	Information on the constituent ingredient make up of the product specified as one string.	Ingredient Statement	The composition of the product that matches what appears on the package.	Full ingredient list for food which appears as it does on the product package.	Used to indicate to the consumer the composition of the product that may include allergens and contaminations.
1364	numberOfServingsPerPackage	The total number of servings contained in the package.	Servings Per Product	The total number of servings contained in the product as shown on the product package.	Image of a box of cereal highlighting the number of servings contained in the box.	Used to inform the consumer of the number of servings. May be used in conjunction with <i>Servings Per Product Precision Code</i> .



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
1365	numberOfServingsPerPackageMeasurementPrecisionCode	The total number of servings contained in the package.	Servings Per Product Precision Code	The code indicating whether the specified Serving Per Product is approximate as shown on the product package.	Image of a product showing serving per product declaration as "Approximate"	Used to inform the consumer of the precision of the number of servings contained in the product as declared. Used in conjunction with <i>Servings Per Product</i> .
1377	preparationInstructions	Textual instruction on how to prepare the product before serving.	Product Preparation Instructions	The instructions on how to prepare the product for consumption.	<ul style="list-style-type: none"> • How to prepare the turkey. • Box of pasta or can of soup with preparation instructions. 	Used by the buyer's customer service to answer questions about product preparation. Used by the buyer and the consumer to prepare the product for consumption.
1457	compulsoryAdditiveLabelInformation	A description of any compulsory label information on the product for the serving counter for example the German additives regulation (ZzulV), for products such as meats and sausages, meat products, bread and bread products.	Additional Legal Product Information	Describes legally required information about the product that is found on the product packaging.	<ul style="list-style-type: none"> • Fill level of the product may vary due to settling • Do not refreeze • Not suitable for use during pregnancy 	Used to notify buyers and consumers about legal information found on the product packaging.
1494	tradeItemFeatureBenefit	Element for consumer facing marketing content to describe the key features or benefits of the style suitable for display purposes.	Product Features and Benefits	The description of features and benefits of the individual product, service, brand or seller.	Show a bulleted list of features and benefits for a cosmetic product and for a digital camera.	Used by the seller to communicate to the consumer key features and benefits of the product, intended to be shown as a bulleted list.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
1498	tradeltemMarketingMessage	Marketing message associated to the Trade item.	Product Marketing Message	The description of the product experience for the consumer.	<p>Feeling tired, hard to get going in the morning? Start your day with Gina's Roast, an aromatic blend of the richest Colombian espresso beans. Gina's Roast is a sure way to start your day.</p> <p>Our smooth, deep flavours will delight your palate, stimulate your senses, and awaken the tiger in you. Enjoy our brew with peace of mind, knowing that Gina's Roast is sustainably harvested and fairly traded. Not a tiger? Gina's Roast is available in decaf too!</p>	Used by the buyer to digitally advertise and entice the consumer.
1530	tradeltemKeyWords	Words or phrases that enables web search engines to find trade items on the internet for example Shampoo, Lather, Baby.	Search Key Words for Product	The key words provided by the seller intended to help make the product discoverable by consumers using digital search engines.	A container of ice cream with key search words: ice cream, lemon, brand name	Used by the buyer to optimise digital search engines, which may include online or in-store, for the consumer. Key words should be separated by commas with no spaces.
1623	nonFoodIngredientStatement	Ingredient statement for non-food items.	Non-Food Ingredient Statement	The text used to describe the composition of the product that matches what appears on the label.	Image showing an ingredient panel of such products as detergents, pain relievers, cosmetics.	Used to inform the buyer and consumer of the ingredients.
1633	isIngredientActive	Determines whether the ingredient helps directly in achieving the objectives of the trade item.	Active Ingredient Indicator	Indicates the presence of an active ingredient that achieves the desired results of using the product.	Image showing an ingredient panel with the active ingredient circled. Component of detergent that kills bacteria, mildew and fungi. Analgesics with active ingredient of ibuprofen.	Used to inform the buyer and consumer of active ingredients.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
1670	LogisticsUnitStackingFactor	The stacking factor of both the unit load (content) and the platform upon which the goods are carried, if there is one. A stacking factor determines the maximum stacking for the product. Indicates the number of levels the product may be stacked.	Stacking Factor for non-GTIN Pallet	The maximum number of levels for a specific unit not identified by a GTIN that can exist in a stack without impacting the quality of the product. A value of 1 means that the item cannot be stacked.	<ul style="list-style-type: none"> • Image of a stack of toilet paper without a GTIN • Image of a stack of pallets of bottled water without a GTIN 	Used by the buyer to determine how to store the product, not identified by a GTIN, without impacting the quality of the product.
1682	nutritionalClaim	Free text field for any additional nutritional claims.	Nutritional/Health Claim Description	The information provided by the seller about the product's nutritional/health claims.	<ul style="list-style-type: none"> • Lower sodium • 100% whole grain • Free from Monosodium glutamate (MSG) • No added sugar(s) 	Used by the seller to inform the consumer about the product's health and/or nutritional claims in order to assist the consumer in making an informed purchasing decision.
1694	isNutrientRelevantDataProvided	Nutrient Information is populated for those values which are relevant or required to be populated on the product label or label equivalent. All values not populated are not relevant or not required to be populated on the product label by local regulations.	Nutrient Declarations Indicator	The indicator that confirms the relevant nutrient data provided for the product is complete.	During the entry of data for a new or updated product, the nutrients may be suggested but at some point they are finalised. Once complete this tick box shows the nutrients are complete and confirmed. Show a bottle of water with no nutrient information, but the indicator is true.	Used by the seller to inform the buyer that the nutrient data is confirmed as complete.
1709	nutritionalClaimNutrientElementCode	The type of nutrient, ingredient, vitamins and minerals that the nutritional claim is in reference to for example fat, copper, milk.	Element Claim Code	The code used to reference a specific element claim about the product.	Circle "gluten" on packaging or label	Used by the seller to convey claims including marketing, nutrition, health and sustainability to the buyer and consumer for search and discovery of products.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
1710	nutritionalClaimTypeCode	A code depicting the degree to which a trade item contains a specific nutrient or ingredient in relation to a health claim for example FREE_FROM.	Claim Type Code	The code that states the type of claim relevant to the <i>Element Claim Code</i> .	Circle "free-from", "No Added", "Enriched with" on packaging or label	Used by the seller to convey claims including marketing, nutrition, health and sustainability to the buyer and consumer for search and discovery of products.
1712	dailyValueIntakeReference	Free text field specifying the daily value intake base for on which the daily value intake per nutrient has been based. Example: "Based on a 2000 calorie diet."	Daily Intake Reference	The statement to the consumer describing the basis for calculating the percentage of nutrients that contribute to the recommended daily intake set by regulation.	Image of food product highlighting the reference daily intake example: "Based on a 2000 calorie diet."	Used by the consumer to compare nutrients in a product to the recommended daily intake values.
1714	nutrientBasisQuantity	The basis amount that a nutrient is measured against when it is not serving size. For example, 120 gr in the case of 30 kj per 120 gr.	Nutrient Basis	The value with a unit of measure that forms the basis for referring to the nutrient content that appears on the product label.	Image of a product's nutrient panel with the heading per "100 grams" and another showing per "10 oz".	Used to inform the consumer of the basis value, with a defined unit of measure, used to calculate the amount of nutrients contained.
1717	preparationStateCode	Code specifying the preparation state or type the nutrient information applies to, for example, unprepared, boiled, fried.	Nutritional Preparation Code	The code indicating whether the product is unaltered versus a product that has been altered by consumer preparation, in conjunction with the nutritional panel.	<ul style="list-style-type: none"> • Cereal (unprepared) versus cereal with added milk (prepared). • Sparkling lime water (unprepared). • Macaroni (unprepared) versus Macaroni served with added cheese (prepared). • Chicken boiled (prepared) or chicken fried (prepared). 	May be used by the consumer in conjunction with the nutritional panel to understand the differences in full nutritional values, prepared versus unprepared.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
1718	servingSize	Measurement value specifying the serving size or portion. In some markets due to regulation this information is used as the basis amount that a nutrient is measured against. Example: Per 30 grams. 1/2 cup, etc. Please refer to the target markets implementation guideline on how to populate this attribute..	Serving Size	The value with a unit of measure that forms the basis for referring to the nutrient contents that appear on the product label.	Image of a product's label with the heading "per serving".	Used to inform the consumer of the basis value, with a defined unit of measure, used to calculate the amount of nutrients contained.
1720	servingSizeDescription	A free text field specifying the serving size for which the nutrient information has been stated for example: per 1/3 cup (42 g).	Product Serving Size Description	The description or additional information of the serving size for the product.	Cereal with instruction for 1/2 cup cereal alone and 1/2 cup of cereal with 1/2 cup skim milk.	Used to inform the consumer of the recommended serving size and any additional information upon which the nutrients and energy are based on.
1731	dailyValueIntakePercent	The percentage of the recommended daily intake of a nutrient as recommended by authorities of the target market. Is expressed relative to the serving size and base daily value intake.	Daily Nutrient Value Percentage	The amount of the nutrient contained in the product as a percentage of the daily intake reference.	Image of product where the nutrient and the percentage is highlighted.	Used to inform the consumer of nutrient as a percentage of daily recommended intake.
1732	measurementPrecisionCode	Code indicating whether the specified nutrient content is exact or approximate.	Nutrient Value Precision Code	The code indicating whether the specified nutrient content is approximate or less than as required by regulation and as shown on the product package.	Image of a product showing nutrient declaration as "Approximate" or "Less than" declared.	Used to inform the consumer of the nutrient content value precision as declared.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
1733	nutrientTypeCode	Code from the list of the INFOODS food component tag names.	Nutrient Code	The code that represents a nutrient or energy element that is found in the product	Show image of nutrition fact panel side by side with nutrient code for each line.	Used to inform the consumer and the retailer of the nutrient or energy elements that are found in the product.
1734	quantityContained	Measurement value indicating the amount of nutrient contained in the product. Is expressed relative to the serving size.	Nutrient Quantity	The value that indicates the amount of nutrient element or energy contained in the product per defined quantity with its unit of measure.	Image showing a product with a nutrient fact panel showing it contains "27 grams of Fat Matter per 100 grams".	Used to inform the consumer and the buyer of the nutrients and energy contained in a product and its unit of measure.
1736	dailyValueIntakePercentMeasurementPrecisionCode	Code indicating whether the specified nutrient content for the Daily Value Intake % is exact or approximate or less than etc. One should follow local regulatory guidelines when selecting a precision.	Daily Nutrient Value Percentage Precision Code	The code indicating whether the specified nutrient content for the Daily Value Intake percentage is exact or approximate or less than as required by regulation.	Image of a product showing greater than, less than or exact nutrient declaration	Used to inform the consumer of the precision of the nutrient declaration.
2181	platformTypeCode	Indicates whether the described despatch unit is delivered on a pallet/platform and on which type of platform. If the despatch unit is delivered on a platform, the platform type must be given here. The range of the platform types/codes is listed in code sets.	Pallet Type Code	The code that indicates the type of pallet that the unit load is delivered on.	The buyer determines the type of equipment suitable for transporting the pallet or dolly in the warehouse based on the pallet/dolly size and type.	Used by the seller to communicate to the buyer the pallet size. Used by the buyer for handling, storing and moving.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
2186	packagingType Code	<p>The dominant means used to transport, store, handle or display the trade item as defined by the data source. This packaging is not used to describe any manufacturing process. Data recipients can use this data for:</p> <ul style="list-style-type: none"> • Space Planning • Data Accuracy (Tolerances) • Supply Chain processes • Recycling process (In combination with packaging materials) • Product buying/procurement decisions • Tax calculations/fees/duties calculation 	Packaging Type Code	The code for the type of package or container of the product.	Show multiple package code list values with images. Reuse existing content from GS1 Sweden or Netherlands.	<p>Used in conjunction with the <i>Packaging Material</i> to provide information to the buyer on the type of product packaging for business process such as space planning, supply chain processes, recycling processes.</p> <p>Used in conjunction with the <i>Packaging Material</i> to communicate packaging type to the consumer.</p>
2206	packagingMaterialTypeCode	<p>The materials used for the packaging of the trade item for example glass or plastic. This material information can be used by data recipients for:</p> <ul style="list-style-type: none"> o Tax calculations/fees/duties calculation o Carbon footprint calculations/estimations (resource optimisation) o to determine the material used. 	Packaging Material Type Code	The code for the type of packaging material of the product.	<ul style="list-style-type: none"> • glass • corrugated board • metal/steel • paper • composite (brick) 	Used in conjunction with <i>Packaging Material Quantity</i> to provide information to the consumer and buyer on the type of material the product packaging is made of. Also used for the calculation of taxes such as "Eco-packaging contribution".

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
2214	packagingMaterialCompositionQuantity	The quantity of the packaging material of the trade item. Can be weight, volume or surface, can vary by country.	Packaging Material Quantity	The amounts of the different materials that the packaging of the product contains.	Example: Show information about the amount of different materials (on some websites); Pull valid examples, could include valid units of measure such as a weight	Used in conjunction with <i>Packaging Material Code</i> to provide information to the consumer about the amount of different materials that the product packaging contains that can be recycled, re-purposed, or disposed. Also used for the calculation of taxes such as "Eco-packaging contribution".
2261	returnablePackageDepositAmount	The monetary amount for the individual returnable package.	Package Deposit Amount	The amount of deposit associated with a returnable package.	Image of a bottle with the deposit amount circled.	Used by the seller to communicate to the buyer the amount of the deposit. Used by the buyer to communicate to the consumer (via receipt, website, mobile) the amount of the deposit.
2308	isPackagingMarkedReturnable	Trade item has returnable packaging. This is a yes/no (Boolean) where yes equals package can be returned. Attribute applies to returnable packaging with or without deposit.	Packaging Marked Returnable Indicator	The indicator that specifies whether the product packaging is marked as returnable (with or without a deposit).	<ul style="list-style-type: none"> • Image of a glass bottle showing the mark for returnable package. • Image of a flat of plants where the flat is marked returnable. • Image of a crate for fresh foods where the crate is marked returnable. 	Used to provide the consumer and the buyer with information on how to handle the product packaging post-consumption. Not to be used for accreditation.
2309	isPriceOnPack	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.	Retail Price is Marked on the Product Indicator	The indicator used to inform the buyer that there is a retail price on the product.	<ul style="list-style-type: none"> • books • magazines • greeting cards • potato chips, when pre-priced 	Used by the buyer for price management.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
2312	packagingMarkedLabelAccreditationCode	A marking that the trade item received recognition, endorsement, certification by following guidelines by the label issuing agency. This does not represent claims for regulatory purposes on products such as free from markings.	Third Party Accreditation Symbol on Product Package Code	The code representing a symbol or marking third party accreditation on the product package.	Image showing: <ul style="list-style-type: none"> • UTZ certified for cacao • FSC certified for sustainable wood for paper products 	Used to communicate the global, national and local accreditation to the buyer and consumer. (See the GDSN Trade Item Implementation Guide Packaging Label Guide: https://www.gs1.org/standards/gdsn/trade_implementation_guide)
2316	warningCopyDescription	Warning information is additional information that outlines special requirements, warning and caution information printed on the package.	Warning Information	The information provided to the consumer about warnings or dangers associated with the product.	<ul style="list-style-type: none"> • Warning choking hazard • Warning about consumption of product • Warning about the packaging of the product • Dangers associated with electrical appliances and water 	Used to provide information to the consumer about warnings or dangers while using or consuming the product. *Note: Should not be used for drugs or supplements, see attribute <i>Drug Side Effects and Warnings</i>
2334	tradeltemDateOnPackagingTypeCode	Indicates the type of date marked on the packaging for example Best Before Date.	Packaging Date Type Code	The code indicating the type of date on the package to the buyer and consumer.	<ul style="list-style-type: none"> • Best Before Date • Best if Used by • Images of consumer or food service goods over-the-counter (OTC) Expiration Date • Consumer Electronic with a produced on date • Car Seat with a production date 	Used by the consumer to understand the meaning of the date on the package and make decisions. Used by the buyer for inventory management processes.
2516	doesTradeltemContainPesticide	Indicates if the trade item is advertised or labelled as a chemical or contains a chemical that is advertised or labelled to kill, repel or prevent the growth of any living organism.	Contains Pesticide	Indicates if the product is advertised or labelled as a chemical or biological agent (such as a virus, bacterium, or fungus) that kills, controls or repels certain pests.	Image of generic ant and cockroach killer. Image of a herbicide. Household cleaner registered to kills germs on surfaces such as antimicrobial cleaners.	Used to communicate the product contains a pesticide to the buyer for the purposes of handling, storage, waste disposal, and safety concerns.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
2682	drugSideEffectsAndWarnings	Information to the side effects of the drug or supplement. This may be pre-labeled on the product or need to be labeled per target market regulations. Examples include Could make you drowsy, Do not operate machinery, Do not take if you are pregnant, etc.	Drug or Supplement Side Effects and Warnings	Information about warnings and possible drug side effects.	<ul style="list-style-type: none"> • Could make you drowsy • Do not operate machinery • Do not take if you are pregnant 	Used to notify the consumer on possible drug or supplement side effects and warnings. Also to notify the consumer if the drug or supplement is safe for consumption or usage. Meant to enable the consumer to make an informed decision.
2699	dosageFormTypeCodeReference	A dosage form is the physical form of a medication that identifies the form of the pharmaceutical item for example oral. This attribute is populated by Local Code Lists and code lists for target market can be found on the GDSN Standards web site.	Medication or Supplement Form Type Code	The code that provides a description of the physical form of a medication or dietary supplement.	<ul style="list-style-type: none"> • capsule • tablet • elixir 	Used to notify the buyer and consumer as to the physical form of the medication or dietary supplement. (This is not a global code list.)
2707	dosageRecommendation	Information pertaining to the dosage of drug or supplement that should be taken/administered per dose. This is not based upon prescribed dosage, but recommended dosage. This may be pre-labelled on product or need to be labelled per target market regulations. Example Take 2 tablets every 4 hours, Take 1 teaspoon daily, etc.	Recommended Dosage	Provides information about the recommended dosage (not necessarily the prescribed dosage), and the possible frequency, of a medication or dietary supplement.	Take 2 tablets every 4 hours, Take 1 teaspoon daily, 12 and under must consult physician	Used to notify the buyer and consumer as to the recommended dosage, and possible frequency, of a medication or dietary supplement.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
2776	importClassificationTypeCode	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	Customs Classification Type Code	The code that describes the customs classification system.	<ul style="list-style-type: none"> • Harmonized Commodity Description and Coding System • Customs Tariff Number • Intrastat • Harmonized Tariff Schedule of the United States • Tarif Intégré de la Communauté 	Used to communicate the classification system used by customs to apply tariffs to the product.
2777	importClassificationValue	The value for an associated import classification type.	Customs Classification Value	The tariff value applied to a product associated with the <i>Customs Classification Type Code</i>	<ul style="list-style-type: none"> • Classification Value 0405-10 (butter) from the Harmonized Tariff Schedule of the United States • Intrastat example: 08023100 = walnut in the shell; 08023200 = walnut without shell 	Used to communicate to the buyer a cost impact to support procurement and payment processes. Used for statistical reporting for customs.
2783	provenanceStatement	The place a trade item originates from. This is to be specifically used to enable things such as cities, mountain ranges, regions that do not comply with ISO standards. Examples: Made in Thüringen Mountains, Made in Paris, From the Napa Valley.	Product Origin Declaration	The exact statement about the place of origin, as declared on the product label, which can be any place where the product is indicated to have come from (it may or may not be the same as Country of Origin).	<ul style="list-style-type: none"> • Brewed in Bavarian • Made in Tennessee 	Used to inform the consumer of the specific origin as declared on the product.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
2794	countryCode	The country in which a processing or other activity has been performed for example processing, bottling, manufacturing.	Country of Origin Code	The code used to declare where the product is produced for regulatory / custom's requirements. In the case of multiple countries, the country in which the last substantial process or operation, that is economically justified, was performed.	<ul style="list-style-type: none"> • Cheese produced in France with Swiss milk from Swiss cows - code for France. • A pack of cereal with grains from multiple countries, processed and packed in Spain - code for Spain. • Tea bags produced in the Netherlands from tea grown in Ceylon - code for the Netherlands. • A product is produced in one country OR another. • Additional repacking or stickering does not constitute COO - Made in the US sent to Mexico for repackaging - code for US. 	Used to meet regulatory / custom's requirements for specifying the country of origin.
2935	promotionType Code	Used to identify the different types of free quantity promotional trade items and the nature of the link between the standard trade item and the promotional trade item.	Product Promotion Type Code	The code that identifies the type of promotional variation of the base product.	<ul style="list-style-type: none"> • Shampoo with 20% additional product in the bottle offered for free. • Multipack with a free additional product item included in the pack. 	Used by the seller to communicate to the buyer the type of promotional variation of the product. Used by the buyer in managing business processes such as ordering, selling and merchandising. May be used in conjunction with the Non-Promotional Product GTIN. (Refer to GTIN Management Standards (https://www.gs1.org/1/gtinrules) if a GTIN change is required.)



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
2937	gtin (non-promotion GTIN)	A particular Global trade item Number, a numerical value used to uniquely identify a trade item. A trade item is any trade item (trade item 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.	Non-Promotional Product GTIN	The global number that uniquely identifies the original product/service to provide a link between the promotional product GTIN and the original GTIN.	Image to show: Seller X has product A identified with GTIN A. The seller makes a promotional product B that is identical to product A except it has 30% free quantity under GTIN B. The 'non-promotional GTIN attribute' of GTIN B is populated with GTIN A.	Used to indicate the original non-promotional GTIN (e.g., to prove to regulators the reality of the promotion); used in shelf planning. Used to communicate the link between original and promotional products for supply chain workflows.
2989	fileEffectiveEnd DateTime	The date upon which the target of this external link ceases to be effective for use.	Digital Asset End Date/Time	The date on which the digital asset can no longer be used.	<ul style="list-style-type: none"> • Image of a seasonal product with an end date/time for the digital asset. • Image of an older product with a digital asset end date/time and a newer product image, with a slight modification, and its associated digital asset start date/time. 	Used by the buyer to determine when the digital asset can no longer be used.
2990	fileEffectiveStart DateTime	The date upon which the target of this external link begins to be effective for use.	Digital Asset Start Date/Time	The date on which the digital asset can be used.	<ul style="list-style-type: none"> • Image of a seasonal product with a digital asset start date/time. • Image of an older product with a digital asset end date/time and a newer product image, with a slight modification, and its associated digital asset start date/time. 	Used by the buyer to determine when the digital asset can be used and shown to the consumer.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
2995	fileName	The name of the file that contains the external information.	Digital Asset File Name	The file name of the digital asset, for images according to the GS1 Product Image Specification Standard.	Image of a product showing the GTIN and the associated file names, such as: <ul style="list-style-type: none"> • 00012345678905_A1C1_1215_s01.jpg • 00012345678905_C1C1.jpg (Make the GTIN in the file name match the GTIN in the image example.) Image of a Data Sheet document with the associated file name, such as datasheet.pdf.	Used to identify the name and intent for the digital asset. Provide a unique name based on GS1 specifications. If the file contains an extension it must be included in the file name.
2999	referencedFileTypeCode	The type of file that is being referenced for example Safety Data Sheet or Product Image.	Digital Asset Type Code	The code identifying the type of digital asset that is being referenced.	<ul style="list-style-type: none"> • Consumer Handling and Storage • Safety Data Sheets • Product Image • Video • Web Site 	Used to identify the type of digital asset that is being referenced.
3000	uniformResourceIdentifier	Simple text string that refers to a resource on the internet, URLs may refer to documents, resources, people, etc.	Product Image URL	The Uniform Resource Locator (URL) for the high-resolution product image that clearly depicts the primary selling surface of the product. Buyers should be able to use the image to authenticate the identity of the item.	A GS1 site with an example image: https://www.gs1.org/images/9504002100016.jpg	Used by the seller to provide images/documents to the buyer via a link to the asset about the product. Used to provide the image of the product to the consumer. Used by the buyer to verify the authenticity of the product content.
3001	isPrimaryFile	Indicates whether a URL for the specified referenced file type links to the primary file that should be used.	Digital Asset Primary Indicator	The indicator designating the primary digital asset to be used.	Show several different images of the same product indicating which is the primary.	Used by the seller to communicate to the buyer the primary digital asset to be used for display to the consumer.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3070	regulationType Code	A code that indicates that a trade item is in compliance with specific applicable government regulations.	Regulation Type Code	The code indicating a regulation. Used in conjunction with <i>Regulation Compliance Indicator</i> .	A product image of the reverse epsilon relative to the code: <ul style="list-style-type: none"> • AEROSOL_REVERSE_EPSILON • FOOD_INFORMATION_REGULATION 	Used to communicate to the buyer the regulation to which the product status is applicable and whether or not the buyer can sell or distribute the product. Used by the buyer to derive the legal product category to determine the proper handling and storage.
3087	regulatoryPermitIdentification	Identification of the permit or license given by the regulatory agency.	Regulatory Permit Identification	The number or value of a permit or approval license assigned to the product or seller provided by the regulatory agency.	<ul style="list-style-type: none"> • EPA registration #3573-63 = Mr. Clean Antibacterial Summer Citrus. • DE BY 110 EG = Animal ID Health Mark, for example a Sanitary Agreement number provided by the slaughter house for animals. 	Used to identify the permit or license given by the regulatory agency.
3237	gHSSignalWordsCode	Words such as "Danger" or "Warning" used to emphasize hazards and indicate the relative level of severity of the hazard. For GHS these are assigned to a GHS hazard class and category. Some lower level hazard categories do not use signal words.	Signal Words Code	The code for words from the Globally Harmonized System (GHS) to indicate the relative level of severity of the hazard and is usually on the label.	<ul style="list-style-type: none"> • DANGER • WARNING • NOT APPLICABLE 	Used to emphasize to buyers or supply chains the level of severity of the hazard.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3238	gHSSymbolDescriptionCode	<p>A code depicting the symbols which convey health, physical and environmental hazard information, assigned to a hazard class and category for example GHS.</p> <p>Pictograms include the harmonized hazard symbols plus other graphic elements, such as borders, background patterns or colours that are intended to convey specific information.</p> <p>Examples of all the pictograms and downloadable files for GHS can be accessed on the UN website for the GHS.</p>	Hazardous Symbol Description Code	The code from the Globally Harmonized System (GHS) identifying the symbols or pictograms for a hazardous product.	Image of symbol with its corresponding code (corrosion and flame)	Used to alert users of the chemical hazards to which they may be exposed during storage or handling of a dangerous good.
3240	hazardStatementsCode	Standard phrases assigned to a hazard class and category that describe the nature of the hazard for example H200.	Hazardous Statements Code	The code (also known as H code) identifying the standard phrase describing the nature of a hazard class and category.	<ul style="list-style-type: none"> • H311 (Toxic in Contact with Skin) • H200 (Unstable Explosives) • H370o (Causes damage to organs if swallowed; May replace "organs" with actual organ that is affected) 	Used to identify the standard phrases describing the nature of a hazard class and category.
3241	hazardStatementsDescription	A description of standard phrases assigned to a hazard class and category that describe the nature of the hazard..	Hazardous Statements Description	The description of the standard phrase (also known as H statement) assigned to a hazard class and category that describes the nature of the hazard.	<ul style="list-style-type: none"> • H311 = Toxic in Contact with Skin • H200 = Unstable Explosives • H370o = Causes damage to organs if swallowed; May replace "organs" with actual organ that is affected. 	Used to describe the standard phrases describing the nature of a hazard class and category.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3244	precautionaryStatementsCode	Measures listed on a hazardous label to minimize or prevent adverse effects. For GHS, the precautionary statements have been linked to each GHS hazard statement and type of hazard. Precautionary statements for GHS cover prevention, response in cases of accidental spillage or exposure, storage, and disposal..	Precautionary Statement Code	The code (also known as a P code) identifying the standard phrase describing precautionary actions or correct handling.	<ul style="list-style-type: none"> • P102: Keep out of reach of children • P211: Do not spray on an open flame or other ignition source • P221: Take any precaution to provide mixing with combustibles.... 	Used to identify the standard phrase(s) describing precautionary actions when storing or handling the product.
3245	precautionaryStatementsDescription	A description of the measures listed on a hazardous label to minimize or prevent adverse effects.	Precautionary Statement Description	The description of the specified precautionary statement (also known as P statement) on a hazardous label.	<ul style="list-style-type: none"> • P102: Keep out of reach of children • P211: Do not spray on an open flame or other ignition source • P221: Take any precaution to provide mixing with combustibles... in a temperature of 7 degrees Celsius. (The additional information is inserted into the standard precautionary statement in the specified position.) 	Used to communicate to the buyer and consumer the nature of a precautionary measure to be taken when storing or handling the product. May be provided on the packaging.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3278	flashPointTemperature	The temperature at which a substance gives off a sufficient vapour to support combustion. This uses a measurement consisting of a unit of measure and value. The flash point is not the lowest point but the point at which flash point occurs and it could be that temperature is lower for some products. The scientific Measurement Precision code would determine that.	Flash Point Temperature	The temperature at which a substance, notably liquid, gives off enough flammable vapor to form a mixture with air that can be ignited by contact with a hot surface, spark or flame.	Gasoline has a flash point of approximately -43 degrees C (-45 F) and is more flammable than ethylene glycol (antifreeze), which has a flash point of 111 degrees C (232 F) in closed cup tests.	Used to determine the level of caution needed when handling. Used to determine precaution during cleanup if spillage occurs.
3330	priceComparisonMeasurement	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 priceComparisonContent Type and is required when priceComparisonContent Type is used.	Price Comparison Quantity	The quantity of the product and its unit of measure that are used to display the price per unit comparison in store and online.	<ul style="list-style-type: none"> • A can of beans has a net content of 0.8 kilograms as a net weight. The price comparison is expressed in terms of drained weight, which is 0.44 kilograms. • A bottle of shampoo has a net content of 16 fluid ounces. The price comparison would be per 100 fluid ounces. 	Used by the seller to communicate to the buyer the information needed to calculate the comparison price to similar products. The buyer uses this information to communicate to the consumer to help them make informed buying decisions.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3490	gs1TradeItemIdentificationKey Code	The Global Trade Item Number which is visible on the item or its packaging and can be used to identify a trade item.	GTIN for Point of Sale Type Code	The code that is used to communicate the type of GTIN for scanning at point of sale.	<p>Show an image of a single soda can with these values: GTIN: 00012000005381 GS1 Trade Item ID Key Code: GTIN_12 GS1 Trade Item ID Key Value: 012000005381</p> <p>Then show an image of a 6-pack of the same soda can contained within the yoke (plastic rings), with these values: GTIN: 00012000911361 GS1 Trade Item ID Key Code: GTIN_12 GS1 Trade Item ID Key Value: 012000005381</p> <p>Note: The unit GTIN for the 6-pack is not marked on the 6-pack</p>	<p>Used to identify the type of GTIN that will be used for the product at point of sale.</p> <p>Used in conjunction with <i>GTIN for Point of Sale</i></p>



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3491	gs1TradeItemIdentificationKey/Value	A value for the alternative means to the Global Trade Item Number to identify a trade item.	GTIN for Point of Sale	The GTIN value used at point of sale.	<p>Show an image of a single soda can with these values: GTIN: 00012000005381 GS1 Trade Item ID Key Code: GTIN_12 GS1 Trade Item ID Key Value: 012000005381</p> <p>Then show an image of a 6-pack of the same soda can contained within the yoke (plastic rings), with these values: GTIN: 00012000911361 GS1 Trade Item ID Key Code: GTIN_12 GS1 Trade Item ID Key Value: 012000005381 Note: The unit GTIN for the 6-pack is not marked on the 6-pack</p>	<p>Used to identify the GTIN value that will be used for the product at point of sale.</p> <p>Used in conjunction with <i>GTIN for Point of Sale Type Code</i></p>
3506	descriptionShort	A free form short length description of the trade item that can be used to identify the trade item at point of sale.	Short Product Name	The shortened product name for the consumer product.	Use items from <i>Trade Item Description</i> and show shortened product name.	Used by the seller to provide a short product name to the buyer for the shelf tag and point-of-sale receipt.
3508	functionalName	Describes use of the product or service by the consumer. Should help clarify the product classification associated with the GTIN.	Product Type Description	The generic description provided by the seller to describe the type, form or function of the product or service.	<ul style="list-style-type: none"> • liquid laundry • powder laundry • laundry pod • detergent • toothpaste • facial tissue • potato chips vs. potato crisps 	Used by the buyer to help classify the product or service. Can also be used for discovery.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3515	regulatedProductName	The prescribed, regulated or generic product name or denomination that describes the true nature of the item and is sufficiently precise to distinguish it from other products according to country specific regulation.	Regulated Product Name	The product name provided by the seller in adherence with laws, regulations or administrative provisions applicable in the country. Not all products have a regulated name.	<ul style="list-style-type: none">• Bakery product of rye flour• Natural yogurt	Used to identify to the consumer the prescribed, regulated or generic name of a product. This differentiates the regulated name from any other name the product may be known by for marketing purposes.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3517	tradeltemDescription	<p>An understandable and useable description of a trade item using brand and other descriptors. This attribute is filled with as little abbreviation as possible while keeping to a reasonable length. This should be a meaningful description of the trade item with full spelling to facilitate message processing. Retailers can use this description as the base to fully understand the brand, flavour, scent etc. of the specific GTIN in order to accurately create a product description as needed for their internal systems.</p> <p>Examples:</p> <ul style="list-style-type: none"> • GS1 Brand Base Invisible Solid Deodorant AP Stick Spring Breeze • GS1 Brand Laundry Detergent Liquid Compact Regular Instant Stain 1 • GS1 Brand 	Product Description	<p>An understandable, unique and useable description of a product using a combination of key elements such as Brand Name, Sub-Brand (if applicable), Functional Name, Variant, and Net Content. The description should be meaningful for the Retailers to manage the product through their business and describe the product to their consumers e.g. Brand, flavour, scent etc.</p> <p>Examples:</p> <ul style="list-style-type: none"> • GS1 Brand Base Invisible Solid Deodorant AP Stick Spring Breeze 3.4oz • GS1 Brand Laundry Detergent Liquid Compact Regular Instant Stain Unscented 100 mL • GS1 Brand Hair Colour Liquid Light to Medium Blonde 32 fl oz. 	<ul style="list-style-type: none"> • GS1 Brand Base Invisible Solid Deodorant AP Stick Spring Breeze 3.4 fl oz • GS1 Brand Laundry Detergent Liquid Compact Regular Instant Stain Unscented 100 ml • GS1 Brand Hair Colour Liquid Light to Medium Blonde 32 fl oz • GS1 Brand Disinfecting Wipes Twin Pack, 1 package Lemon Clean and 1 package Spring Fresh, 2 x 75 ct • GS1 Brand Ranch Salad Dressing 20% More Free 18 fl oz 	<p>Used by the seller to uniquely describe the product to the buyer and the consumer. Could be modified by the buyer to meet business and system requirements, such as limitations for length of description.</p>

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3520	variantDescription	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.	Product Variation	The description used to communicate differentiating characteristics of the product in a product line, identified by unique GTINs.	<ul style="list-style-type: none"> Image of identical packed chips with different flavours. Examples: BBQ, Sour Cream and Onion; 1 oz, 3 oz. Image of fabric softener with one being unscented and one with a scent. T Shirt with multiple colours and sizes. 	Used to inform the consumer about available product variations. Used by the buyer to evaluate product mix and in shelf management.
3541	brandName	The recognisable name used by a brand owner to uniquely identify a line of trade item or services. This is recognizable by the consumer.	Brand Name	The name provided by the brand owner that is intended to be recognised by the consumer as represented on the product.	Image of bottle of water highlighting the primary brand.	Used to indicate to the consumer the primary brand of the product. Use 'UNBRANDED' for items without a brand. In case of combination packages containing products from more than one brand owner (e.g. a display or gift pack) enter the value 'MIXED'.
3546	subBrand	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.	Sub Brand Name	The name provided by the brand owner that allows the consumer to further differentiate the product beyond brand name.	<ul style="list-style-type: none"> Image of a bottle of water with a brand and sub-brand name. Use the same example as Brand Name. Skin care line with a brand and sub-brand where the sub-brand crosses many product forms (e.g. age defying) 	Used to indicate to the consumer the secondary brand of the product.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3552	colourDescription	A description of a colour of an object.	Alternative Colour Description	The description of the colour of the product.	<ul style="list-style-type: none"> • Image of a product with the colour declaration "Flaming Flamingo Pink". • Assumption: Shampoo is colourless, bottle is pink. If manufacturer A is selling shampoo, then the colour is "colourless". If manufacturer B sells shampoo bottles, then the colour is "pink". 	Used to provide a precise description of the colour to the consumer.
3554	colourCode	A code depicting the colour of an object according to a specific code list. The applied code list is specified as additional information together with the colour code.	Colour Code	The code, part of a colour system, that defines the colour of the product.	<ul style="list-style-type: none"> • Image of Pantone colour codes • Image of consumable unit highlighting the colour code 	Used to provide consistent colour classification
3604	stackingFactor	A factor that determines the maximum stacking for the product. Indicates the number of levels the product may be stacked.	Stacking Factor	The maximum number of levels for a specific unit that can exist in a stack without impacting the quality of the product. A value of 1 means that the item cannot be stacked.	<ul style="list-style-type: none"> • Image of potato chips in a case • Image of a stack of toilet paper • Image of a stack of pallets of bottled water 	Used in conjunction with the <i>Stacking Factor Type Code</i> for storing or transporting the product without impacting the quality of the product.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3607	stackingFactor TypeCode	Indicates the supply chain process that the particular product may be stacked in. From a supply chain perspective, these values can differ from a storage perspective, truck transport, rail, etc. If a retailer is shipping between warehouses or store, they need the information to support their supply chain. For example a truck can only be stack 2 pallets high, but in a warehouse that can be 3 pallets	Stacking Factor Type Code	The code that indicates the storage or type of transportation to which the <i>Stacking Factor</i> applies.	A truck can only be stacked 2 pallets high, but in a warehouse that can be 3 pallets.	Used to communicate the <i>Stacking Factor Type Code</i> by supply chain process.
3614	quantityOfCompleteLayersContainedInATradeItem	The number of layers of the base trade item found in a trade item. Does not apply to the base trade item unit.	Number of Layers per GTIN	The number of complete layers in the logistic unit identified by a GTIN, such as a pallet.	<ul style="list-style-type: none"> • Image of a pallet identified by a GTIN, indicating the number of layers • Image of a pallet containing cases of shampoo • Image of a pallet containing individual TVs 	Used by the seller to communicate to the buyer the number of layers in a logistic unit, such as a pallet. The buyer uses this information for automation of the picking and stacking process in the warehouse.
3616	quantityOfLayersPerPallet	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.	Number of Layers per non-GTIN Pallet	The number of complete layers in the pallet not identified by a GTIN.	<ul style="list-style-type: none"> • Image of a pallet without a GTIN, indicating the number of layers • Image of a pallet containing cases of shampoo • Image of a pallet containing individual TVs 	Used by the seller to communicate to the buyer the number of layers in a logistic unit, such as a pallet. The buyer uses this information for automation of the picking and stacking process in the warehouse.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3618	quantityOfTradeItemsContainedInACompleteLayer	The number of trade items contained in a complete layer of a higher packaging configuration. Used in hierarchical packaging structure of a trade item. Cannot be used for trade item base unit.	Number of Units per Layer in a GTIN	The number of units in a complete layer in a logistic unit identified by a GTIN, such as a pallet.	<ul style="list-style-type: none"> • Image of a pallet identified by a GTIN, indicating the number of units in a layer • Image of a pallet containing cases of shampoo • Image of a pallet containing individual TVs 	Used by the seller to communicate to the buyer the number of units in a layer in a logistic unit, such as a pallet. The buyer uses this information for automation of the picking and stacking process in the warehouse.
3620	quantityOfTradeItemsPerPalletLayer	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.	Number of Units per Layer in a non-GTIN Pallet	The number of units in a complete layer in a pallet not identified by a GTIN.	<ul style="list-style-type: none"> • Image of a pallet without a GTIN, indicating the number of units in a layer • Image of a pallet containing cases of shampoo • Image of a pallet containing individual TVs 	Used by the seller to communicate to the buyer the number of units in a layer in a logistic unit, such as a pallet. The buyer uses this information for automation of the picking and stacking process in the warehouse.
3703	minimumTradeItemLifespanFromTimeOfArrival	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.	Minimum Days of Shelf Life at Arrival	The seller's determination of the minimum number of calendar days of shelf life of the product, based upon the expiration date on the product, upon receipt by the buyer.	<p>Seller X has shipped a case of pasta and has a minimum number of days of life from arrival of 400 days and buyer validates at time of receipt that product has 400 or more days of life remaining.</p> <p>Product with an expiration date with the minimum number of days of shelf life at arrival = 14.</p>	Used by the buyer for quality and inventory control workflows/business processes.
3704	minimumTradeItemLifespanFromTimeOfProduction	The period of day, guaranteed by the manufacturer, before the expiration date of the product, based on the production.	Minimum Days of Shelf Life from Production	The seller's determination of the minimum number of calendar days from the production date to the expiration date.	The seller guarantees 1/2 of the shelf life which equals 60 days at the time of arrival to the buyer. The buyer compares the production date on the packaging to the current date at time of arrival to ensure that at least 60 days remain.	Used by the buyer for quality and inventory control workflows/business processes.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3721	Depth	The depth of the trade item, as measured according to the GDSN Package Measurement Rules. If the trade item is a unit load, include the shipping platform unless it is excluded according to the Platform Type Code chosen.	Depth/Length	The depth or length measurement with the unit of measure of the item (such as product, case, pallet) according to the GS1 Package Measurement Rules. (https://www.gs1.org/docs/gdsn/3.1/GS1_Package_Measurement_Rules.pdf)	<ul style="list-style-type: none"> • Image of consumer units showing the directional measurement of depth • Image of logistic unit showing the directional measurement of depth 	<p>Used to create planograms for store shelving in conjunction with <i>Width</i> and <i>Height</i>.</p> <p>Used to fill or optimise truckloads when shipping in conjunction with <i>Width</i> and <i>Height</i>.</p> <p>Used to determine the space in a storage facility in conjunction with <i>Width</i> and <i>Height</i>.</p>
3725	Height	The height of the trade item, as measured according to the GDSN Package Measurement Rules. If the trade item is a unit load, include the shipping platform unless it is excluded according to the Platform Type Code chosen.	Height	The vertical measurement with the unit of measure of the item (such as product, case, pallet) according to the GS1 Package Measurement Rules. (https://www.gs1.org/docs/gdsn/3.1/GS1_Package_Measurement_Rules.pdf)	<ul style="list-style-type: none"> • Image of consumer units showing the directional measurement of height. • Image of a pallet of cases showing the directional measurement of height. 	<p>Used to create planograms for store shelving in conjunction with <i>Width</i> and <i>Depth/Length</i>.</p> <p>Used to fill or optimise truckloads when shipping in conjunction with <i>Width</i> and <i>Depth/Length</i>.</p> <p>Used to determine the space in a storage facility in conjunction with <i>Width</i> and <i>Depth/Length</i>.</p>



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3733	netContent	The amount of the trade item contained by a package, usually as claimed on the label. For example, 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.	Net Content	The quantity (or quantities) of the product contained in the package along with the unit of measure typically printed on the label for the country or market where the product is sold.	750 ml, 2 lbs, 100 g, 5 pieces An image of a bottle of water, highlighting the net content.	Used to inform the consumer of the contained amount of the product. Also used for product/price comparison. Often defined by regulation, which may be different by country and category (e.g., liquids, eggs, concentrates).
3739	Width	The width of the trade item, as measured according to the GDSN Package Measurement Rules. If the trade item is a unit load, include the shipping platform unless it is excluded according to the Platform Type Code chosen.	Width	The horizontal measurement with the unit of measure of the item (such as product, case, pallet) according to the GS1 Package Measurement Rules. (https://www.gs1.org/docs/gdsn/3.1/GS1_Package_Measurement_Rules.pdf)	<ul style="list-style-type: none"> • Image of consumer units showing the directional measurement of width. • Image of logistic unit showing the directional measurement of width. 	<p>Used create planograms for store shelving in conjunction with <i>Height</i> and <i>Depth/Length</i>.</p> <p>Used to fill or optimise truckloads when shipping in conjunction with <i>Height</i> and <i>Depth/Length</i>.</p> <p>Used to determine the space in a storage facility in conjunction with <i>Height</i> and <i>Depth/Length</i>.</p>

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3741	netContentStatement	The statement corresponding to the net content descriptions as stated on the packaging (e.g. "4 x 100 gr = 400 gr").	Net Content Statement	The literal reproduction of the net content(s) as displayed on the product packaging.	<ul style="list-style-type: none"> An image of multiple pack of six bottles of water. Net content in volume and additional net content is six bottles. Using the net content statement for toilet tissue. 	Used to declare the entire net content statement; often used for multi-pack products and food service products. Used to communicate this information to the consumer on ecommerce websites or apps.
3775	DrainedWeight	The weight of the trade item when drained of its liquid. For example 225 "grm", Jar of pickles in vinegar. Applies to defined bricks of GCI Global trade item Classification - Mainly food trade item. Has to be associated with a valid UoM.	Drained Weight	The weight of the product when drained of its liquid as stated on the product label.	Show an image of pickles in a jar then with the pickles drained on a scale.	Used to calculate the price per unit of measure accurately for the consumer when the liquid is no longer part of the product.
3777	grossWeight	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 item, grossWeight includes the weight of the pallet itself. For example, "200 GRM", value - total pounds, total grams, etc. Has to be associated with a valid UOM.	Gross Weight	The total weight of the product including the weight of all its packaging materials.	Image of a bill of lading showing gross weight, or packing slip showing gross weight	Used by the seller and the buyer to manage logistics, storage, self-checkout, safety limitations and truckload optimisation.
3804	tradeltemTemperatureConditionTypeCode	The condition of the product sold to the end consumer for example thawed or frozen.	Product Temperature Condition Code	The code used to identify the state of the product when purchased by the consumer.	<ul style="list-style-type: none"> thawed frozen deep-frozen fresh 	Used to communicate to the consumer the condition of the product when purchased.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3820	maximumTemperature	The maximum temperature that a trade item can not exceed as defined by the manufacturer without affecting product safety or quality.	Maximum Temperature	The maximum temperature that a product can not exceed during an activity as defined by the manufacturer without affecting product safety, quality and/or usage.	<ul style="list-style-type: none"> Image of a chocolate candy in transportation in a refrigerated truck Usage of spray paint 	Used to communicate to the buyer or consumer the maximum temperature for quality and safety for a specific activity in conjunction with <i>Temperature Activity Code</i> .
3826	minimumTemperature	The minimum temperature that a trade item can be held below defined by the manufacturer without affecting product safety or quality.	Minimum Temperature	The minimum temperature that a product can not go below during an activity as defined by the manufacturer without affecting product safety, quality and/or usage.	<ul style="list-style-type: none"> Usage of spray paint Image of a single-use dishwasher detergent packet - for transportation 	Used to communicate to the buyer or consumer the minimum temperature for quality and safety for a specific activity in conjunction with <i>Temperature Activity Code</i> .
3830	temperatureQualifierCode	Code qualifying the type of a temperature requirement for example Storage.	Temperature Activity Code	The code that indicates the activity for which the maximum and minimum temperatures are applicable.	See maximum and minimum temperature attributes.	Used to define/communicate the activity for which the min/max temperatures apply.
3861	aDRDangerousGoodsLimitedQuantitiesCode	A code defined by RID (Regulations concerning the International Carriage of Dangerous Goods by Rail) and ADR (Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route) specifying whether a dangerous good can be packaged in small quantities providing they are packaged and labelled in accordance with certain requirements.	Dangerous Goods Limited Quantities Code	The code specifying the maximum quantity for hazardous or dangerous products that can qualify for an exception from certain hazmat shipping requirements when shipped in small or limited quantities.	0.5 oz (approx 15 ml) bottles of perfume Code E2 authorises up to 30 ml per inner package and 500 ml for each package for this shipment.	<p>Used to identify exemptions for hazmat products when shipped by road or rail (e.g, hazard class label, placarding vehicles)</p> <p>Refer to regional regulations specific to the dangerous good.</p>

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3863	aDRTunnelRestrictionCode	The ADR Tunnel Restriction Code is a code defined in ADR Chapter 8.6, which categorizes road tunnels into categories A to E. Adequate traffic signs regulate the transit of vehicles with dangerous goods. The tunnel restriction code (e.g. E) has to be stated within the transport papers. Trading Partners should look to the specific ADR documentation for current applicable code list values.	Road Tunnel Restriction Code	The code specifying the restrictions for the passage of transport units carrying dangerous goods through road tunnels.	The passage of a transport unit carrying smokeless powder in a quantity representing a total net explosive mass of 3000 kg is forbidden in tunnels of categories D and E. The most restrictive of these tunnel restriction codes shall be assigned to the whole load.	Used to communicate to the driver whether or not they can enter the road tunnel with the specific type of dangerous goods they are carrying.
3865	dangerousGoodsRegulationCode	An indication of the classification system(s) of dangerous goods and/or the Agency(ies) responsible for it.	Dangerous Goods Regulation Code	The code indicating the agency responsible for the classification system of dangerous goods or indicating whether the product is dangerous goods.	<ul style="list-style-type: none"> • ADG (Australian Dangerous Goods Code) • UI (United Kingdom IMO Book) • RID (Rail/road dangerous goods book) 	Used to identify the agency responsible for the classification of dangerous goods.
3868	hazardousMaterialAdditionalInformation	Any regulatory information required that is not specifically identified by another field.	Hazardous Material Additional Information	Any additional required regulatory information that is not identified by another attribute.	<p>Do not use indoors.</p> <p>May be used for an item not classified as a dangerous good but which requires additional hazardous information for transport.</p>	Used to communicate any additional hazardous material information to buyers and supply chain.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3879	classOfDangerousGoods	The dangerous goods classification of the trade item. Dangerous classes explain in general terms the hazardous nature and properties of the goods and serves to classify them together in terms of their most significant risk.	Dangerous Goods Classification	The classification of a product based on the type of dangerous materials or items present based on most significant risk.	<ul style="list-style-type: none"> • Explosives • Gases • Flammable liquids 	Used to mandate how dangerous goods are to be handled, packaged, labelled and transported.
3880	dangerousGoodsClassificationCode	A classification code of the trade item (dangerous goods) for transport by road and rail for example ADR/RID. It indicates the dangerous characteristics respectively the subsections of the trade item within a given classification.	Dangerous Goods Classification Code	The code that defines the risk to health, safety, property or the environment when transported by road or rail.	<ul style="list-style-type: none"> • Dissolved gas, toxic corrosive • Dissolved gas, flammable aerosol dispensers and receptacles, small, containing gas (gas cartridges), toxic 	Used to identify the most predominant hazards the product poses in transportation.
3881	dangerousGoodsHazardousCode	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.	Hazardous Identification Code	The code applied to the vehicle transporting dangerous goods by road or rail.	238 (Flammable aerosols, corrosive) Image of a truck bearing an orange symbol and number identifying the Hazardous ID Code.	Used to inform authorities of any danger in case an accident occurs when transporting dangerous goods. Restriction code must be on transport papers.
3882	dangerousGoodsPackingGroup	Identifies the degree of risk these dangerous goods present during transport according to IATA/IMDG/ADR/RID regulations.	Dangerous Goods Packing Group	The group specifying the level of severity of danger of the product during transport.	<ul style="list-style-type: none"> • Packing Group I: high danger • Packing Group II: medium danger • Packing Group III: low danger 	Used to identify the degree of protective packaging for the product.



BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3883	dangerousGoodsShippingName	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.	Dangerous Goods Shipping Name	The standard technical shipping name used to most accurately describe the dangerous goods, article, substance, mixture or even waste.	NITROHYDROCHLORIC ACID	Used to properly label packaging for products containing dangerous goods so that the transport mode is correctly marked and the shipment is correctly documented. (May be supplemented by the technical name.)
3884	dangerousGoodsSpecialProvisions	A numeric code of special regulations to be met regarding a Dangerous Goods Classification Regulation. For example ADR 2005 provides additional information for identifying the substances or items (s. 3.2.1 ADR 2005). Special provisions can include transport restrictions, exemptions from regulation, explanations on the classifying of certain forms of the dangerous goods in question as well as additional marking and labelling requirements.	Dangerous Goods Special Provisions Code	The code used to identify special provisions to be met when transporting dangerous goods.	1 = This material is poisonous by inhalation 11 = The hazardous material must be packaged as either a liquid or a solid, as appropriate, depending on its physical form at 55 °C (131 °F) at atmospheric pressure.	Used by the buyer when shipping to various locations (even direct to consumer) to identify dangerous goods special provisions such as transport restrictions, exemptions from regulation, additional labelling requirements or additional information regarding the dangerous goods in question.
3885	dangerousGoodsTechnicalName	Provides the dangerous goods technical information.	Dangerous Goods Technical Name	The technically recognized chemical or microbiological name sometimes required in addition to the proper <i>Dangerous Goods Shipping Name</i> .	<i>Dangerous Goods Shipping Name</i> with technical name: UN 3394 ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATERREACTIVE (trimethylgallium)	Used to identify the scientifically recognized chemical or biological name of the product.

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3887	dangerousGoodsTransportCategoryCode	Trade items classified as dangerous goods are divided into transport categories for the purpose of calculating what quantity of dangerous goods is allowed to be transported on the same transport unit under specific exemption rules.	Dangerous Goods Transport Category Code	The code representing the transport category of dangerous goods for the purpose of calculating load limits or thresholds during transit.	3 (Substances and articles belonging to packing group III and not classified in transport categories 0, 2 or 4 and substances and articles of the following classes: Class 2: groups A and O, aerosols: groups A and O Class 3: UN No. 3473 Class 4.3: UN No. 3476 Class 8: UN Nos. 2794, 2795, 2800, 3028 and 3477 Class 9: UN Nos. 2990 and 3072)	Used to identify the transport category of a dangerous good.
3892	netMassOfExplosives	The measurement of the net explosive mass of the trade item (dangerous goods) for transport by road and rail according to a dangerous goods classification regulation.	Net Explosive Mass	The total mass of the contained explosive substance(s) without such things as packaging, casings or bullets.	Image of fireworks and ammunition showing associated net explosive mass of each.	Used by the seller or buyer to understand the conditions under which an item can be safely transported or stored.
3894	unitedNationsDangerousGoodsNumber	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.	United Nations Dangerous Goods Number	The four-digit number assigned by the United Nations Committee of Experts on the transport of dangerous goods that identifies dangerous goods, such as explosives, flammable liquids and toxic substances.	<ul style="list-style-type: none"> • For UN# 2074 = ACRYLAMIDE, SOLIDS • For UN# 1993 = FLAMMABLE LIQUID, N.O.S. 	<p>Used to identify dangerous goods when transporting the product internationally.</p> <p>Used to govern information such as proper shipping name, kind of packaging that may be used, kind of transport and rules that apply to transport of the materials.</p>

BMS ID #	GDSN name	GDSN definition	Business name	Business definition	Example	Usage statement
3908	isTradeItemVariableUnit	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.	Variable Measure Indicator	The indicator that specifies the product content is variable.	<ul style="list-style-type: none"> • Image of two steaks, one small, one larger priced according to the actual weight • A case of 10 chickens in a box all roughly the same size <p>Make sure we have an example of each kind (e.g. weight, length, volume)</p>	Used to inform the buyer that the product varies by a unit of measure.
3909	variableTradeItemTypeCode	loose or pre-packed	Loose or Pre-Packed Code	The code which informs the buyer of how the product is packed for the selling of products that vary in weight or quantity.	<ul style="list-style-type: none"> • Apples: can be loose or pre-packed in a bag • A deli meat like a turkey • other fresh foods could be examples 	Used to provide information to the buyer of how a product that varies in weight will be packed. Used to help with shelf placement in the store.
5475	isIngredientRelevantDataProvided	A flag indicating that all of the relevant or required ingredient information has been provided.	Ingredient Declarations Indicator	The indicator that confirms the relevant ingredient data provided for the product is complete.	During the entry of data for a new or updated product the ingredients may be suggested. However, at some point the ingredients are finalised and this tick box showing the ingredients is confirmed.	Used by the seller to inform the buyer that the relevant ingredient list is confirmed as complete.

A Reference and related documents

Document name	Managing organisation	Version
Attribute Explorer https://ae.gs1.org/FESAttributeExplorer/Account/Login	GS1	Release 3.1.9
Global Consumer Goods Forum https://www.theconsumergoodsforum.com/	Global Consumer Goods Forum	1.0
GS1 General Specifications https://www.gs1.org/genspecs	GS1	Release 19.0
GS1 GTIN Management Standard https://www.gs1.org/gtinrules	GS1	Release 1.0
GS1 Package Measurement Rules Standard https://www.gs1.org/docs/gdsn/3.1/GS1_Package_Measurement_Rules.pdf	GS1	Release 2.6.1
GS1 Global Data Synchronisation Network Standards www.gs1.org/gdsn	GS1	Release 3.1.9
GDSN Trade Item Module Library Business Message Standard https://www.gs1.org/standards/gdsn/	GS1	Release 3.1.9
GDSN Trade Item Implementation Guideline https://www.gs1.org/standards/gdsn/trade_implementation_guide	GS1	Release 29