



# Brakes

Global Data Synchronisation Supplier Handbook

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The logo for Brakesgroup, featuring the word "brakesgroup" in a lowercase, sans-serif font. The "brakes" part is in a dark green color, and the "group" part is in a lighter green color. The logo is positioned on the left side of the page, above a large decorative graphic of concentric, curved lines in shades of blue and white that sweep across the bottom right of the page.

## 1. Why is Brakes implementing Global Data Synchronisation (GDS)?

Brakes is implementing GDS across the entire supplier database to enable product information to be synchronised between its trading partners. GDS is an automated, standards based global environment that enables the secure and continuous synchronisation of product information between trading partners.

We firmly believe that accurate product information throughout our systems is essential to achieving an efficient supply chain. GDS is gaining momentum within the UK marketplace with top UK retailers working with GS1 UK to develop their GDS strategy. Some of the UK's leading retailers in grocery, health, beauty and food service have implemented GDS within their supplier base. Brakes join this legion of retailers carving the pathway to advance GDS as the preferred method of data submission.

## 2. GDS Benefits

GDS makes it possible for consistent reliable data to form the basis of effective business transactions and drive out costs from the supply chain. The key benefit of GDS is that it promotes the synchronisation of high quality product data. GDS ensures that:

- product data is updated and consistent between trading partners
- data is validated against standards and business rules to help ensure its accuracy
- trading partners have a single point of entry reducing the cost of using multiple vendors
- the uniqueness of items, such as products, cases, pallets etc, is guaranteed through the GS1 Global Registry

This ultimately leads to significant business benefits.

- Trading partners can work in a standardised way and thereby reduce duplicate systems and processes
- Reduced costs through the removal of inefficiencies and exceptions
- Improved collaboration between trading partners

## 3. The business process

The overall business process consists of the following elements:

1. Use GDS for all *new* product introductions to synchronise product data for common and consistent data quality.
2. Use GDS for all *amendments* to existing product information to synchronise product data for common and consistent data.
3. Use GDS to indicate that a product has been discontinued.

4. Delisted items: Although delisting cannot be done via GDS, Brakes may notify a supplier that they are removing a product from their range. On these occasions, please remove the sending of updates for those specific products.

## 4. Back Catalogue

Only branded goods supplied to Brakes are included in this supplier roll-out. Brakes own-label products are out of the scope.

For suppliers who have already provided new lines information to Brakes in the past, this process is to align the 'back catalogue' to gather and code data. You will be requested to publish this data to Brakes once you have received the subscription for the data (see section 6).

If there is a new line request during the period of data preparation, then the data should be passed to Brakes in the usual way and coded as a back catalogue item.

## 5. Supplier implementation process

If you are a user of TrueSource and the GS1 UK Data Pool, refer to GS1 UK Quick Start Guide for instructions on how to load data and publish data to Brakes..

If you are using another GS1 certified data pool then please refer to instructions provided by your data pool provider.

**Brakes use the GS1 UK Data Pool.**

## 6. How does the process work?

The supplier (you) publishes product data to Brakes using the GDS Network.

Your data is registered on the GS1 Global Registry – a directory of all product GTINs and trading partner GLNs around the world.

1. Brakes (the data recipient) subscribes to the data.
2. The supplier data pool receives a subscription message from the GS1 Global Registry.
3. The supplier data pool matches your publication to the Brakes subscription and releases the product data to them. The data will only be released to recipients specified by the supplier and the data will only arrive at the recipient (Brakes) if the data is validated successfully according to GDSN validation rules that reflect the recipients (Brakes) data quality requirements (see Appendix 1).

4. The Brakes Administrator receives the product data and contacts you regarding any queries.

## 7. Data and hierarchy requirements

- Base unit (Consumer Unit) and Package (Traded Unit) data can be coded for synchronisation via GDS to Brakes. This is specified in the TrueSource template
- For suppliers that only hold GTINs at CASE level, product data should be entered at the Base Item level only in TrueSource, indicating that the item is a CASE in the Trade Item Unit Descriptor attribute.
- PALLET information can be coded and sent through to Brakes at the CASE (Traded Unit) level.
- Brakes data requirements are GS1 standards compliant  
<http://www.gs1.org/services/gsm/kc/gdsn/index.html>
- You must always use a unit of measure alongside the volume/metric/dimension values you send to. e.g. Net Content 750 **gm**
- All data should be prepared for Brakes within the time window agreed. This is to enable Brakes to process the data in their internal systems before the physical flow of the products.

## 8. Data attributes required

See [Appendix 1](#) for a detailed list of data required by Brakes.

## 9. How are errors managed/notified?

There are three ways your data might fail in the GDS process with Brakes.

1. **Your data pool fails the data.** If you don't provide the correct information to meet the GDSN validation rules, your data pool will fail your data and will not allow publication. Your data pool provider will contact you regarding this failure.

2. **Brakes data pool fails the data.** Your data may not meet the requirements of Brakes data pool. If this failure occurs then a message will be sent to your data pool provider, who will then contact you accordingly. This recipient data pool failure functionality process will still be executed even if the supplier and Brakes are both using the UK Data Pool.
3. **Brakes Administrator fails the data.** Once your data gets to the Brakes Administrator, they may not agree with the data sent. In this scenario, they will contact you directly regarding updates. Updates should be sent to Brakes.

## 10. How will the supplier use GDS functions to synchronise data with Brakes?

There are a number of GDS process functions a supplier needs to understand before publishing data to Brakes.

1. **ADD.** This allows a supplier to publish data to Brakes and instigates an ADD message to Brakes. The process allows a supplier to either publish an existing product line that has already been coded in their data pool or a new product line being published for the first time.

If an existing product line is selected then a flag in GDSN called RELOAD needs to be set to YES.

2. **CHANGE.** Once data is published and synchronised with Brakes, you can use GDSN to make changes to your product information. This instigates a CHANGE message to Brakes. This data, once changed by you, will automatically be received by Brakes.

Remember you must adhere to the GTIN allocation rules when identifying a change to your product.

If you are changing your data, you must update the attribute EFFECTIVE DATE to indicate when the change will occur.

3. **CORRECT.** You may need to correct a mistake to product information. This instigates a CORRECT message to Brakes.

If you are correcting your data, you must update the attribute EFFECTIVE DATE to indicate when the correction will occur.

4. **DISCONTINUE.** You may want to discontinue an item you are trading with Brakes. Please use the following attributes to indicate this action:

- DISCONTINUE DATE

- EFFECTIVE DATE

Note: You cannot use that GTIN number again for **48 months** after the discontinuation date.

## 11. Useful links

TrueSource [www.truesource.gs1uk.org](http://www.truesource.gs1uk.org)

SA2 Worldsync [www.sa2worldsync.com](http://www.sa2worldsync.com)

1SYNC [www.1sync.org](http://www.1sync.org)

GS1 GDSN information [www.gs1.org/productssolutions/gdsn/overview/index.html](http://www.gs1.org/productssolutions/gdsn/overview/index.html)

## 12. Who to contact

### Brakes

Chris Lamberton, Commercial Analyst

Telephone: +44 (01233) 206058

Email: [Chris.Lamberton@brake.co.uk](mailto:Chris.Lamberton@brake.co.uk)

### For any TrueSource questions

GS1 UK Service Team

Telephone: 0808 178 8799

Web: [www.gs1uk.org](http://www.gs1uk.org)



## Appendix 1

### Appendix 1 Data required by Brakes

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Information	Identification	Global Trade Item Number (GTIN)	The Global Trade Item Number (GTIN) is used for the unique identification of trade items worldwide. A trade item is any item (product or service) upon which there is a need to retrieve pre-defined information and that may be priced, ordered, or invoiced at any point in any supply chain.	As defined by GDSN	M	GTIN Product code	<b>05012345015002</b> Please add zero (s) in front of any GTIN less than 14 digits as mentioned in the TrueSource Quick Start manual
Core Item Information	Identification	Additional Trade Item Identification	The information provider's internal number for the trade item, used to cross-reference to the GTIN in a one-to-one relationship	As defined by GDSN	M	Supplier Product code	5534421
Core Item Information	Identification	Additional Trade Item Identification Type	Indicator identifying the type and format of the Additional Trade Item Identification Value	See example	M		SUPPLIER-ASSIGNED

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Information	Identification	Target Market Country Code	The target market code indicates the country in which the information provider will make the GTIN available to buyers. This indicator does not in any way govern where the buyer may re-sell the GTIN to consumers	As defined by GDSN	M	e.g. UK	826
Core Item Information	Identification	Trade Item Unit Descriptor	Identifies the hierarchical configuration of the trade item (e.g., pallet, case, inner pack, mixed module, display shipper, base unit, prepack, setpack, multipack, etc.)	As defined by GDSN	M		Each (piece) or Case or Multipack
Core Item Information	Identification	Trade Item Status	Indicates if the trade item has been added ("A"), changed ("C"), corrected ("R"), or is being deleted ("D") by the information provider.	This will be loaded automatically	M		Automatic e.g. will contain ADD for new items
Core Item Information	Identification	Effective Date	The date on which the information contents of the master data version are valid. This date can be used either for an initial trade item offering or to mark a change in the information related to an existing trade item. This date would mark when these changes take effect.	As defined by GDSN	M	Product issue date	e.g. 2010/05/25

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Information	Identification	Classification Category Code	Unique primary GPC classification category number for the trade item ("brick").	Used to indicate the classification to which the product belongs	M	Where appropriate: indicate whether Ambient/Chilled/Frozen Ambient =Shelf Stable/Frozen = Frozen /Chilled=Perishable	e.g. 10005759 – Chicken – Prepared/Processed e.g. 10005788 – Chicken – Unprepared/Unprocessed
Core Item Information	Identification	Replaced Trade Item Identification	Indicates the trade item identification of an item that is being permanently replaced by this trade item	As defined by GDSN	O	Replaced supplier product code	GTIN
Core Item Information	Identification	Additional Replaced Trade Item Identification	The information provider's internal number for the trade item, used to cross-reference to the GTIN in a one-to-one relationship	To be used for replacement products e.g. replacement for discontinued GTIN or short term replacement product	O	Additional Replaced supplier product code	55444332
Core Item Information	Identification	Additional Replaced Trade Item Identification Type	Indicator identifying the type and format of the Additional Trade Item Identification Value	See example	O		SUPPLIER-ASSIGNED
Core Item Information	Identification	Information Provider	Location number that uniquely identifies the data owner/information provider (e.g. manufacturer, supplier, broker, distributor, etc.)	As defined by GDSN	M	Supplier or Distributor GLN	e.g. 4049111002004

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Information	Identification	Name Of Information Provider	Textual name of the party who owns the data. The name of the information provider of the trade item	As defined by GDSN	M	Supplier or Distributor name	Sausage House (Meat Products) Ltd
Core Item Information	Identification	Manufacturer Name	Descriptive name of the manufacturer of the trade item	As defined by GDSN	O	Name of Manufacturer	Sausage House (Meat Products) Ltd
Core Item Information	Identification	Manufacturer GLN	Manufacturer of the trade item	Manufacturers GLN	O	Manufacturer GLN	e.g. 4049111002004
Core Item Information	Identification	Brand Name	The name used by the brand owner to uniquely identify a line of trade items or services.	As defined by GDSN	M	Brand Name	Herby Pork Sausage
Core Item Information	Identification	Brand Owner	Unique identifier for the brand owner. May or may not be the same entity as the information provider, which actually enters and maintains data in data pools. Preference is GLN.	e.g. GLN of the Brand Owner	M	Brand Owner GLN	e.g. 4049111002004
Core Item Information	Identification	Name Of Brand Owner	Name of the party who owns the brand of the trade item.	As defined by GDSN	M	Name of Brand Owner	Sausage House (Meat Products) Ltd
Core Item Information	Identification	Additional Brand Owner Identification	Brand Owner Identification other than GLN	As defined by GDSN	O	Brand owner id other than GLN	e.g. 55443311
Core Item Information	Identification	Additional Brand Owner Identification Type	Indicator identifying the type and format of the Additional Party Identifier	As defined by GDSN	O		SUPPLIER-ASSIGNED

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Information	Identification	Start Availability Date Time	The date from which the trade item becomes available from the supplier, including seasonal or temporary trade items.	As defined by GDSN	M	Effective date	e.g. 2010/05/25
Core Item Information	Identification	End Availability Date Time	The date from which the trade item is no longer available from the information provider, including seasonal or temporary trade items and services.	As defined by GDSN	O	e.g. Christmas products	
Core Item Information	Identification	Discontinued Date	Date on which the trade item is no longer to be manufactured. Allows reuse of the GTIN after 48 months, with the explicit exception of Apparel being 30 months and the implicit exception for specialty products (e.g. steel beams).	Date on which the trade item is no longer to be manufactured	O	Discontinuation date	

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Information	Identification	Has Batch Number	Indication whether the base trade item is batch or lot numbered as requested by law, or batch or lot number allocated, or not batch or lot number allocated. A batch or lot number is a manufacturer assigned code used to identify a trade item's production batch or lot. Differs from Serial Number which is a manufacturer assigned code to identify a unique trade item.	Indicate Yes/No if the product is batch or lot numbered (A batch or lot number is a manufacturer assigned code used to identify a trade item's production batch or lot. Differs from Serial Number which is a manufacturer assigned code to identify a unique trade item.)	M	Yes/No	TRUE
Core Item Information	Private Information	Non-public GLN-list	To be used to send product data to a specific recipient	Using the recipients' GLN	M	Brakes GLN for Food	5024333000006
Core Item Information	Description	Trade Item Description	Text field used to record additional trade item attributes. It is composed of several trade item descriptions The following concatenation of attributes is mandated by standard: Brand; Sub-Brand; Functional Name; Variant. Do not include marketing information.	The description of the product that indicates any brand names, what the product is and the size	M	Product details	Walls Herby Pork Sausages 454g Frozen
Core Item Information	Description	Description Short	A short description of the trade item that can be used to identify the product at the point of sale	As defined by GDSN	M	Product description	Herby Pork Sausage 454g

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Information	Description	Functional Name	Describes use of the trade item by the consumer. It should help clarify the product classification associated with the GTIN. For example, "salad dressing", "drill", "soup", "beer", etc.	As defined by GDSN	M	Product details	Pork Sausages
Core Item Information	Description	Trade Item Country Of Assembly	Country where product is assembled.	Information to be provided if the product is assembled from more than one component <a href="#">This will be the ISO 3166-1 country code.</a>	O		826
Core Item Information	Description	Trade Item Country Of Origin	Country code in which the trade item has been produced or manufactured, according to criteria established for the application of customs tariff, quantitative restrictions, or any other measure related to trade.	<a href="#">Information to be provided as to where the product originates from</a> <a href="#">This will be the ISO 3166-1 country code.</a>	O	Country of Origin Region	826

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Information	Description	Trade Item Country Of Last Processing	The country in which the trade item was last processed and tested before importation	Enter information if relevant to the product	O	Required	826
Core Item Information	Description	Is Trade Item A Consumer Unit	Indicator identifying the trade item as intended for ultimate consumption by consumers at point-of-sale. Enter Yes for Base unit (EACH) product data	Will this item be purchased as a separate item by the consumer without further preparation? Yes=True, No=False  The general recommendation is to end False unless the product is a specific retail item	M		e.g. FALSE
Core Item Information	Description	Is Trade Item a Base Unit	Indicator identifying the item as the base unit level of the trade item hierarchy. Enter Yes when entering CASE only product data as well as base unit (EACH) product data	As defined by GDSN	M		TRUE
Core Item Information	Description	Is Trade Item An Orderable Unit	Indicator identifying the item as an ordering unit, per the information provider.	As defined by GDSN	M	Required	TRUE

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Information	Description	Is Trade Item A Despatch Unit	Indicator identifying the item as a despatch (shipping) unit, per the information provider.	As defined by GDSN	M	Required	TRUE
Core Item Information	Description	Is Trade Item An Invoice Unit	Indicator identifying the item as an invoicing unit, per the information provider.	As defined by GDSN	M	Required	FALSE
Core Item Information	Description	Is Trade Item A Variable Unit	Indicates trade item is not a fixed quantity but the quantity is variable. Trade item is used in continuous rather than discrete quantities. The quantity can be weight, length or volume.	As defined by GDSN	M	Required	FALSE
Core Item Information	Additional Information	Trade Item Tax Rate	The current tax or duty rate percentage applicable to the trade item	As defined by GDSN	M	VAT applicable	e.g. 17.5
Core Item Information	Additional Information	Tax Type Code	Identifies the type of duty, tax or fee applicable to the trade item	As defined by GDSN	M		VAT_06 for Standard Rate VAT_02 for Zero Rate
Core Item Information	Additional Information	Tax Agency Code	Identifies the agency responsible for the tax code list	As defined by GDSN	M		e.g. HMR
Core Item Information	Next Lower Level Components	Linking EACH with a CASE	This is used at the Package level: select an EACH GTIN using the search criteria in the TrueSource screen and enter the quantity of EACH held in the CASE. This item can now be published	As defined by GDSN	M		Only available at Package Level and used to link the base item (EACH) to its' associated case

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Information	Packaging Information	Quantity Of Inner Pack	Quantity of non-coded physical groupings (inner packs) of the next lower level trade items within the current GTIN level.	How many non bar coded items are in this pack? I.e. Case of 10 x 250g pack of Frozen Peas where the individual packs are not bar coded - answer is 10. However if you are coding an individual pack biscuits with a bar code the answer would be zero or not applicable	0	Packs per case	5
Core Item Information	Packaging Information	Quantity Of Trade Items Per Pallet	Indicates the number of trade items contained on a single pallet if the pallet is not identified with a GTIN	As defined by GDSN If there is no pallet then no pallet related information need be entered	0	Cases per pallet	60

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Information	Packaging Information	Quantity Of Layers Per Pallet	The number of layers that a pallet contains, for pallets not identified with a GTIN. Also referred to as "HI"	As defined by GDSN. If there is no pallet then no pallet related information need be entered If there is a pallet but there is no GTIN for it then details are entered at the case level If there is a pallet and there is a GTIN for it then details are entered at the pallet level	O	Layers in a pallet	4
Core Item Information	Packaging Information	Quantity Of Trade Items Per Pallet Layer	Number of trade items contained in a single layer of a pallet, for pallets not identified with a GTIN. Also referred to as "TI"	As defined by GDSN. If there is no pallet then no pallet related information need be entered If there is a pallet but there is no GTIN for it then details are entered at the case level If there is a pallet and there is a GTIN for it then details are entered at the pallet level	O	Cases per layer	15

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Information	Packaging Information	Is Packaging Marked Returnable	Trade item has returnable packaging	As defined by GDSN	M		TRUE
Core Item Additional Information	Dimensions	Net Content	The amount of the trade item contained by a package, usually as claimed on the label. e.g. "Mineral Water 750ml - net content = "750 ML; hot chocolate 10 – 1oz packets-net content = 10 "OZ" Note: packages that contain product with different types of net contents such as a travel shaving kit (razor, blades and shaving cream) net content = 1 count "1N" or 1 kit "KT" when individual net contents are listed."	The Net Content is required if you are entering a Base item (EACH) GTIN in TrueSource. This attribute is not required if you are entering data at the Package level. If your product is a CASE only base unit then enter the number of individual items in the case when you enter the data as a Base Item e.g. if the case contains 4 pies, enter 4 in Net content	O	Unit Count	76
Core Item Additional Information	Dimensions	Net Content UOM	Unit of Measure of the Net Content of the trade item	As defined by GDSN	O	Unit Count	EA
Core Item Additional Information	Dimensions	Gross Weight	The trade item gross weight, inclusive of its packaging. At the pallet level, it includes the weight of the pallet itself.	As defined by GDSN	M	total case weight	6840

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Additional Information	Dimensions	Gross Weight UOM	The unit of measure for the gross weight of the trade item	As defined by GDSN	M	UOM	e.g. GR
Core Item Additional Information	Dimensions	Net Weight	Used to identify the net weight of the trade item. Net weight excludes any packaging materials and applies to all levels but consumer unit level. Net Weight excludes all packaging material, including the packaging material for all lower-level GTINs. When entering a base unit (EACH), Net Content replaces Net Weight. For a Case only base unit, enter the net weight of the case	Used to identify the net weight of the trade item. Net weight excludes any packaging materials and applies to all levels but consumer unit level	O	Net case weight	1400
Core Item Additional Information	Dimensions	Net Weight UOM	Unit of measure of the trade item net weight	As defined by GDSN	O	UOM	e.g. GR
Core Item Additional Information	Dimensions	Drained Weight	The weight of the trade item when drained of it's liquid content	As defined by GDSN	O	Drained weight	76
Core Item Additional Information	Dimensions	Drained Weight UOM	The unit of measure for the drained weight of the trade item	As defined by GDSN	O	Drained weight	e.g. GR

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Additional Information	Dimensions	Height	The height of the trade item, measured from the lowest extremity to the highest extremity, including the packaging. At the pallet level, it includes the height of the pallet itself. Measurements are relative to how the customer normally views the trade item.	As defined by GDSN	M	Pack size dimension Height	800
Core Item Additional Information	Dimensions	Height UOM	Unit of measure of the trade item height	As defined by GDSN	M	UOM	e.g. MM
Core Item Additional Information	Dimensions	Width	The measurement from left to right of the trade item. Measurements are relative to how the customer normally views the trade item.	As defined by GDSN	M	Pack size dimension width	600
Core Item Additional Information	Dimensions	Width UOM	Unit of measure of the trade item width	As defined by GDSN	M	UOM	e.g. MM
Core Item Additional Information	Dimensions	Depth	The depth of the trade item, measured from front to back. Measurements are relative to how the customer normally views the trade item.	As defined by GDSN	M	Pack size dimension Length	400
Core Item Additional Information	Dimensions	Depth UOM	Unit of measure of the trade item depth	As defined by GDSN	M	UOM	e.g. mm

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Additional Information	Order Information	Order Quantity Minimum	Represents an agreed to minimum quantity of the trade item that can be ordered. It is a number or a count. It applies to each individual order. It can be a fixed amount for all customers in a target market.	This is the minimum order quantity the supplier will accept.	M	Minimum Order Quantity	15
Core Item Additional Information	Order Information	Ordering Lead Time	The normal delivery time measured from receipt of the order by the seller until the trade item is shipped by the seller	As defined by GDSN	M	Lead time into distributor	2
Core Item Additional Information	Order Information	Ordering Lead Time UOM	Unit of measure for ordering lead time	As defined by GDSN	M	UOM	Day
Core Item Additional Information	Order Information	First Order Date	Indicates the earliest date that an order can be placed for the trade item	As defined by GDSN	M		25/05/2010
Core Item Additional Information	Order Information	Last Order Date	Indicates the latest date that an order can be placed for the trade item	As defined by GDSN	O		
Core Item Additional Information	Order Information	First Ship Date	Indicates the earliest date that the trade item can be shipped. This is independent of any specific ship-from location	As defined by GDSN	M		25/05/2010

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Further Information	Handling Information	Minimum Trade Item Life Span From Time Of Production [days]	The period of days guaranteed by the manufacturer before the expiration date of the trade item, based upon the production date	Once produced this should be the total number of days before the shelf life expires at the 'use by' or 'best before' date.	M		360
Core Item Further Information	Handling Information	Minimum Trade Item Life Span From Time Of Arrival [days]	The period of days guaranteed by the manufacturer before the expiration date of the trade item, based on arrival at a mutually agreed to point in the buyer's distribution system.	Once arrived at the distributor this should be the total number of days before the shelf life expires at the 'use by' or 'best before' date.	O		2
Core Item Further Information	Handling Information	Opened Trade Item Lifespan	The number of days the trade item that had been opened can remain on the shelf and must then be removed.	This should be the number of day's shelf life available on the product before it is unacceptable to consume.	O		
Core Item Further Information	Handling Information	Handling Instructions Code	Code that identifies the information and processes needed to safely handle the trade item	As defined by GDSN	M	Product handling instruction	MRF

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Further Information	Handling Information	Handling Instructions Code Language	Language in which the Handling Instructions Code is expressed	As defined by GDSN	M		EN
Core Item Further Information	Handling Information	Storage Handling Temperature Minimum	The minimum temperature at which the trade item can store or transported.	This is the minimum temperature that the product can be stored at without affecting shelf life or quality. i.e. an Iceberg lettuce stored at -2oC will have its quality affected when defrosted	M	Storage temperature	-25
Core Item Further Information	Handling Information	Storage Handling Temperature Minimum UOM	Unit of measure for the Storage Handling Temperature Minimum		M	Storage temperature	Centigrade
Core Item Further Information	Handling Information	Storage Handling Temperature Maximum	The maximum temperature at which the trade item can the stored or transported. For example, "+15F"	This is the maximum temperature that the product can be stored at without affecting shelf life or quality. i.e. an Iceberg lettuce stored at -2oC will have its quality affected when defrosted	M	Storage temperature	-18
Core Item Further Information	Handling Information	Storage Handling Temperature Maximum UOM	Storage Handling Temperature Maximum		M	Storage temperature	Centigrade

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Core Item Further Information	Packaging Information	Packaging Type Code	Code defining the type of packaging used as a container of the trade item	As defined by GDSN	M		CTN
Core Item Further Information	Packaging Information	Packaging Marked Expiration Date Type	Indicates the type of expiration date marked on the packaging.	As defined by GDSN	M	Best Before	Best Before date
Core Item Further Information	Packaging Information	Packaging Marked Recyclable Scheme	The package of this GTIN is marked to indicate under which scheme it is recyclable. Applies to recyclable packaging with or without deposit.	As defined by GDSN	O	Enter scheme	
Core Item Further Information	Packaging Material	Packaging Material Code	Code identifying the packaging material of the trade item	As defined by GDSN	M	Type of packaging used	34 = Fiber (Paperboard) 58 = Metal           79 = Plastic               43 = Glass
Core Item Further Information	Packaging Material	Packaging Material Composition Quantity	Packaging Material Composition Quantity	As defined by GDSN	M	Weight of the type of packaging declared	100
Core Item Further Information	Packaging Material	Packaging Material Composition Quantity UOM	The unit of measure for the composition quantity of the packaging material	As defined by GDSN	M	The unit of measure of the packaging weight	e.g. GR
Food & Beverage	Food & Beverage Information	Production Facility (GLN)	Identifies the facility where the catalogue item is being produced. Enables users to identify and look up the name of the facility where the catalogue item has been produced.	As defined by GDSN	O		4049111002004

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Food & Beverage	Food & Beverage Information	Additional Production Facility Identification	Unique additional party identifier	As defined by GDSN	O		
Food & Beverage	Food & Beverage Information	Additional Production Facility Identification Type	Indicator identifying the type and format of the Additional Party Identifier	As defined by GDSN	O		
Food & Beverage	Food & Beverage Information	Certification Agency	Name of the organization issuing the certification standard or other requirement being met. Free text field. Example: European Union	This information should be included if applicable. The name of the agency awarding the certificate	O	This information should be included if known	BRC Efsis CMi Micron2
Food & Beverage	Food & Beverage Information	Certification Standard	Name of the certification standard. Free form text. Example: Egg Classification	The level awarded by the governing body following an inspection.	O	This information should be included if known	BRC Global Standard for Food Safety Issue 5
Food & Beverage	Food & Beverage Information	Certification Value	The catalogue item's certification standard value	This is dependent on the standard. The value may be 1 to 5 or A to E as a grade within the certification of the standard	O	This information should be included if known	A, A* Higher
Food & Beverage	Food & Beverage Information	Certification Value Language	The language in which the certification value is expressed	As defined by GDSN	O	English	EN

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Food & Beverage	Marketing Information	Nutritional Claim Code	Code list reflecting the values of permitted nutritional claims of the EC and US (and any other known) regulations	As defined by GDSN  This information should be included if appropriate to product	O	Nutritional information regarding the product	A claim that a food is a source of protein
Food & Beverage	Marketing Information	Nutritional Claim	Free text attribute for any additional nutritional claims	This information must be included if applicable	O	Nutritional information regarding the product	
Food & Beverage	Marketing Information	Nutritional Claim Language	Language in which the nutritional claim is expressed	As defined by GDSN	O	Nutritional information regarding the product	
Food & Beverage	Marketing Information	Fish Meat Poultry Type Code List Identification	The identification of a fish, meat, and poultry type code list for example the USDA Individual Intake Food Group List.		O	Supplier information This information should be included if appropriate to product	e.g. AAAA
Food & Beverage	Marketing Information	Fish Meat Poultry Type Code List Agency	The code list agency responsible for maintaining a fish, meat, poultry type code list for example USDA		O	Supplier information This information should be included if appropriate to product	e.g. USDA
Food & Beverage	Marketing Information	Fish Meat Poultry Type Code	The fish, meat, or poultry type for this food and beverage item.		O	This information should be included if appropriate to product	Code
Food & Beverage	Marketing Information	Minimum Fish Meat Poultry Content	The minimum amount of fish, meat or poultry contained in a food and beverage trade item expressed as a measurement.		O	This information should be included if appropriate to product	30.4

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Food & Beverage	Marketing Information	Minimum Fish Meat Poultry Content UOM	The unit of measure for the minimum fish meat poultry content		O	This information should be included if appropriate to product	e.g. GR
Food & Beverage	Serving / Ingredient / Nutrient Information	Maximum Number Of Smallest Units Per Package	The maximum number of the smallest units contained in the package. This attribute is to be used in conjunction with number Of Smallest Units Per Package in order to enter a minimum and maximum value. For example for a package of meat balls where the smallest units per package could be from 56-60, the maximum Number Of Smallest Units Per Package would be 60.	The maximum number of the smallest units contained in the package.	O		
Food & Beverage	Serving / Ingredient / Nutrient Information	Number Of Servings Per Package	The total number of servings contained in the package.	As defined by GDSN	O		
Food & Beverage	Serving / Ingredient / Nutrient Information	Number Of Smallest Units Per Package	The total number of smallest units contained in the package. The smallest unit can not be further divided without breaking or slicing the product. Example: 10 pancakes.	As defined by GDSN	O		

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Food & Beverage	Serving / Ingredient / Nutrient Information	Genetically Modified Declaration Code	A statement of the presence or absence of genetically modified protein or DNA in the trade item.	As defined by GDSN	M	Contains GM Protein/DNA (UK DSG)	Contains/Free from etc...
Food & Beverage	Serving / Ingredient / Nutrient Information	Ingredient Statement	Information on the constituent ingredient make up of the product specified as one string.	This is the list of ingredients that appear on the packaging	M	List of Ingredients	Pork Shoulder 80VL Citric Acid [E330], Herbs, Water etc...
Food & Beverage	Serving / Ingredient / Nutrient Information	Ingredient Sequence	Indicates the ingredient order by content percentage of the product. (Major ingredient = 1, second ingredient = 2 etc.)	As defined by GDSN	O	List ingredients in descending order at mixing bowl (repeat as necessary)	1
Food & Beverage	Serving / Ingredient / Nutrient Information	Content Percentage [%]	Indication of the percentage of the ingredient contained in the product.	As defined by GDSN	O	Percentage of Ingredient in product	40
Food & Beverage	Serving / Ingredient / Nutrient Information	Country Of Origin	Indicates the country of origin of the ingredient	As defined by GDSN	O	Country of Origin	826
Food & Beverage	Serving / Ingredient / Nutrient Information	Ingredient Name	Text field indicating one ingredient or ingredient group (according to regulations of the target market). Ingredients include any additives (colourings, preservatives, e-numbers, etc) that are encompassed.	As defined by GDSN	O	Ingredients includes Preservatives and Additives	Pork Shoulder 80VL
Food & Beverage	Serving / Ingredient / Nutrient Information	Ingredient Name Language	Language in which the ingredient name is expressed	As defined by GDSN	O		EN

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Food & Beverage	Serving / Ingredient / Nutrient Information	Fish Catch Zone	The sea zone from which the seafood in the trade item was caught in.	See <b>European Commission Regulation 2065/2001</b> for list	O	This information should be included if appropriate to product	If selected as part of the Classification Category Code then this attribute is Mandatory and should include the catch zone number and description
Food & Beverage	Serving / Ingredient / Nutrient Information	Preparation State	Code specifying whether the nutrient information applies to the prepared or unprepared state of the product.	As defined by GDSN	M	As sold - prepared or unprepared	unprepared
Food & Beverage	Serving / Ingredient / Nutrient Information	Nutrient Type Code (UN INFOOD Code)	Code from the list of the INFOODS food component tag names ( <a href="http://www.fao.org/infoods/tagnames_en.stm">http://www.fao.org/infoods/tagnames_en.stm</a> ) identifying nutrients contained in the product.	As defined by GDSN	M		CHO- Carbohydrate, total; method of determination unknown or variable FASAT Fatty acids, total saturated FAT Fat, total NA Sodium SUGAR Sugars, total PRO- Protein, total; method of determination unknown or variable FIB- Fibre; method of determination unknown or variable
Food & Beverage	Serving / Ingredient / Nutrient Information	Measurement Precision	Code indicating whether the specified nutrient content is exact or approximate.	Use Publication table for 'Approximate', Lab data for 'Exact' and '@less than' to indicate trace	M		Approximately/exact/less than

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Food & Beverage	Serving / Ingredient / Nutrient Information	Main Quantity Contained	Measurement value indicating the amount of nutrient contained in the product. Is expressed relative to the serving size.	As defined by GDSN	M		0.5
Food & Beverage	Serving / Ingredient / Nutrient Information	Main Quantity Contained UOM	Unit of measure for the quantity contained	As defined by GDSN	M		GR
Food & Beverage	Serving / Ingredient / Nutrient Information	Serving Size	Measurement value specifying the serving size in which the information per nutrient has been stated. Example: Per 100 grams.	As defined by GDSN	M	This should always be 100	100
Food & Beverage	Serving / Ingredient / Nutrient Information	Serving Size UOM	Unit of measure for the serving size	As defined by GDSN	M	This should always be GR	GR
Food & Beverage	Allergy Related / Microbiological / Physiochemical Information	Allergen Statement	Textual description of the presence or absence of allergens as governed by local rules and regulations, specified as one string.	Any allergen information appearing on the labelling should be included in this field	M		Free text list e.g. Contains Wheat, eggs, milk, cereal or Free From allergens
Food & Beverage	Allergy Related / Microbiological / Physiochemical Information	Allergen Specification Agency	Agency that controls the allergen definition	As defined by GDSN	M	Agency name	EU

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Food & Beverage	Allergy Related / Microbiological / Physiochemical Information	Allergen Specification Name	Free text field containing the name and version of the regulation or standard that contains the definition of the allergen	As defined by GDSN	M	Intolerance data	GS1
Food & Beverage	Allergy Related / Microbiological / Physiochemical Information	Allergen Type Code	Code indicating the type of allergen	As defined by GDSN	M	Intolerance data	Eggs (or products thereof), Fish (or products thereof), Crustacea (or products thereof), Molluscs (or products thereof), Milk (or products thereof), Peanuts (or products thereof), Nuts (or products thereof), Sesame Seeds (or products thereof), Celery (or products thereof), Mustard (or products thereof), Soybeans (or products thereof), Wheat (or products thereof), Cereals containing gluten (or products thereof)
Food & Beverage	Allergy Related / Microbiological / Physiochemical Information	Level Of Containment	Code indicating the level of presence of the allergen	As defined by GDSN	M	Intolerance data	Level of containment Code List CONTAINS, FREE_FROM, MAY_CONTAIN
Food & Beverage	Allergy Related / Microbiological / Physiochemical Information	Microbiological: Organism Code	Code indicating the type of microbiological organism	As defined by GDSN	O	Microbiological standards	

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Food & Beverage	Allergy Related / Microbiological / Physiochemical Information	Microbiological: Organism Maximum Value	Maximum allowable value of the microbiological organism.	As defined by GDSN	O	This information should be included if known	
Food & Beverage	Allergy Related / Microbiological / Physiochemical Information	Microbiological: Organism Maximum Value UOM	Unit of measure for the organism maximum value	As defined by GDSN	O	This information should be included if known	
Food & Beverage	Allergy Related / Microbiological / Physiochemical Information	Physiochemical Characteristic: Characteristic Code	Code indicating the type of physiochemical characteristic.	As defined by GDSN	O	This information should be included if known	
Food & Beverage	Allergy Related / Microbiological / Physiochemical Information	Physiochemical Characteristic: Characteristic Value	Measurement value of the physicochemical characteristic.	As defined by GDSN	O	This information should be included if known	
Food & Beverage	Allergy Related / Microbiological / Physiochemical Information	Physiochemical Characteristic: Characteristic Value UOM	Unit of measure for the characteristic	As defined by GDSN	O	This information should be included if known	
Food & Beverage	Diet / Preparation / Product Yield / Additive Information	Diet Certification Number	Identification given to the trade item by the certification organization defining requirements for diet claims	Enter Diet Certification Number	O	e.g. Organic certification code	

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Food & Beverage	Diet / Preparation / Product Yield / Additive Information	Diet Certification Agency	Name of the organization defining requirements for diet claims	As defined by GDSN	O		
Food & Beverage	Diet / Preparation / Product Yield / Additive Information	Diet Type Description	Free text for indication of diet not stated in the list of diets.	As defined by GDSN	O		
Food & Beverage	Diet / Preparation / Product Yield / Additive Information	Diet Type Description Language	The language in which the diet type description is expressed	As defined by GDSN	O	English	En
Food & Beverage	Diet / Preparation / Product Yield / Additive Information	Diet Type Code	Code indicating the diet the product is suitable for.	As defined by GDSN	O	e.g. Vegetarian/Vegan etc...	Halal
Food & Beverage	Diet / Preparation / Product Yield / Additive Information	Preparation Type	A code specifying the technique used to make the product ready for consumption. For example: baking, boiling.	As defined by GDSN	O	Cooking/Preparation (give method)	Frying
Food & Beverage	Diet / Preparation / Product Yield / Additive Information	Additive Name	The name of any additive or genetic modification contained or not contained in the trade item.	As defined by GDSN	O	Ingredient/Additive Details doc This information should be included if appropriate to product	Citric Acid etc.

TrueSource Section headings	TrueSource Tab headings	GS1 Attribute Name	GDSN Definition EN	Definition explanation	BRAKES Mandatory Optional	BRAKES Data Attributes	Example Data Content
Food & Beverage	Diet / Preparation / Product Yield / Additive Information	Additive Level Of Containment	Code indicating the level of presence of the additive.	As defined by GDSN	O	Additive Level in Final Product This information should be included if appropriate to product	Contains
Industry Data	Dietary Information	Sensory & Physical Description	The product Sensory & Physical Description. (e.g. Colour, Odour, Texture, Overall Appearance, Size, pH)	As defined by GDSN	O		Bright Yellow Corn Kernels with sweet corn taste and smell
Industry Data	Dietary Information	Legal Name	The legal name should accurately describe the product; reflect the true nature of the food and is sufficiently precise to distinguish it from other foods with which it may be confused; Complies with all legal requirements.	As defined by GDSN	M		Sweet corn Kernels vacuum packed in brine