

Integrated Guideline Part 5b:

# Master Data Attribute Implementation – Examples

Supply Chain Management for Fresh Fruit and Vegetables



In collaboration with

**Frug i Com**  
Foundation to reform Fresh Chain Information



## Partners involved in the development of this document

### GS1 in Europe

GS1 in Europe is a collaboration of 47 GS1 member organisations and leads the creation and implementation of harmonised, user-driven solutions for improving the supply and demand chain of European companies. Further information on GS1 in Europe and the activities in the area of fruit and vegetables can be obtained from [www.gs1.eu](http://www.gs1.eu).

### Frug I Com (Foundation Platform Fresh Chain Information)

Frug I Com is a unique collaboration of the Dutch Potato, Fruit and Vegetable Supply Chain. The ultimate goal is to establish electronic exchange of information between the participants in the Potato, Fruit and Vegetable Supply Chain by means of uniform labelling using electronic messages. Working with information standards allows Fruit and Vegetable Supply Chain companies to make optimum use of the information available in the supply chain and to apply it to order processing, tracing of products, optimising logistics and quality improvement. The result? A faster and more efficient supply chain which is less error-prone. Further information see [www.frugicom.nl](http://www.frugicom.nl).

## Document Summary

Document Item	Current Value
Document Title	Supply Chain Management for Fresh Fruit and Vegetables - Integrated Guideline Part 5b: Master Data Attribute Implementation - Examples
Date Last Modified	February 2018
Document Issue	Issue 2.0
Document Status	Initial issue, approved by GS1 in Europe
Document Description	This document provides support to companies seeking to electronically exchange fruit & vegetable product information in accordance with GS1 Standards.

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## Log of Changes

Issue No.	Date of Change	Changed By	Summary of Change
Issue 0.1	Jun-2013	Xavier Pujol	1st draft of the guideline. Proposed structure for the guideline and the feedback collected after the F2F meeting in Berlin.
Issue 1.0	May-2017	Xavier Pujol	Split Guidelines in Part A – Master Data Attributes Definition and Part B – User Cases and Examples
Issue 2.0	Feb - 2018	Xavier Pujol	Final Editing for Publication

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# 1. Introduction

## 1.1. Purpose and Scope of this Document



The purpose of the Fruit & Vegetable Master Data Attribute Implementation Guide – Part B is to provide use cases in the Fruit and Vegetable Sector and xml examples.

## 2. Use case scenarios

Use Case examples below are meant to provide guidance when completing the attribute sheet. Not all attributes will need to be filled in for each trade item. Organisations need to determine which best fits their product(s).

-  **Note:** Use Case Example #1 and #2, show all attributes. For these examples, only information pertaining to the product example has been filled in the rest are blank. In Use Case Example #3, 4, and 5, attributes that do not pertain to the product example were removed. For these examples, only attributes which are different from Use Case #1 and #2 are shown. Some of the attributes are in **Red** with a number next to it. This indicates further information pertaining to this attribute is below the chart.

## 2.1. Use Case #1: Pre-packed Fixed Weight Consumer Trade Package with GTIN encoded in the bar code (EAN/UPC)

		
Industry Attribute Name	Example for Consumer Unit	Example for Case
Global Trade Item Number	3535689284566	13535689284563
Brand Name	Tommy	Tommy
Produce Variety Type	Campari	Campari
Growing Method Code	Conventional	Conventional
Trade Item Country Of Origin	Netherlands	Netherlands
Functional Name	Tomatoes	Tomatoes
gradeCode	Extra	Extra
Packaging Type Code	Clam Shell	KTB (Knockdown Tote Bin/RPC)
Quantity Of Next Lower Level Trade Item	Consumer units are blank	10
Quantity Of Next Lower Level Trade Item		5kilos
descriptiveSize	0	0
commercialType	Mini Roma	Mini Roma
Height & UoM	5cm	400mm
Width & UoM	6cm	300mm
Depth & UoM	25cm	150mm
Gross Weight & UoM		3.35kilos
Colour	Red	Red
Inner Flesh Colour Code		
PostHarvest Treatment Chemical Code		
PostProcess Trade Item Treatment Physical Code		
Cooking Type		
Produce Seed Presences Type Code		
Trade Item Marketing Message	Burgundy Type	Burgundy Type
Genus	Solanum	Solanum
Species	Lycopersicum	Lycopersicum
Grade Code Agency	UNECE	UNECE

Grade Code List Identification	I	i
Trade Item Form Description	Round	Round
Trade Item Description	Tommy Cherry Tomatoes on trusses 200gm in clam shell	Tommy Cherry Tomatoes on trusses 10 x 200gm in clam shell - EPS 156
Trade Item Unit Descriptor	Base Unit or Each	Case
Net Weight & UoM	200gm	2 kilos
Quantity Of Layers Per Pallet		14
Quantity Of Trade Items Per Pallet Layer		10
Effective Date	2-Dec-12	2-Dec-12
additionalTradeItemIdentificationType		
additionalTradeItemIdentificationValue		
Brand Owner (GLN)	3535689290000	3535689290000
AdditionalBrandOwnerIdentificationType		
AdditionalBrandOwnerIdentificationValue		
Name Of Brand Owner	National Fruit	National Fruit
Information Provider Of Trade Item (GLN)	3535689290000	3535689290000
AdditionalInformationproviderOfTradeItemIdentificationType		
AdditionalInformationproviderOfTradeItemIdentificationValue		
Name Of Information provider		
Name of Manufacturer	Gardener Tommy	Gardener Tommy
Manufacturer of Trade Item (GLN)	3535689290000	3535689290000
Is Trade Item An Orderable Unit	No	Yes
Is Trade Item A Variable Unit	No	No
Is Trade Item A Variable Unit	Yes	No
Is Trade Item A Consumer Unit	Yes	No
Is Trade Item A Despatch Unit	No	Yes
Is Trade Item An Invoice Unit	No	Yes
Is Packaging Marked Returnable	No	Yes
Is Non Sold Trade Item Returnable	No	No
Is Trade Item Marked As Recyclable	Yes	Yes
Is Trade Item Marked As Recyclable		
Quantity Of Trade Items Contained In A Complete Layer		
Quantity Of Trade Items Per Pallet	1400	140
Start Availability Date Time	2-Dec-12	2-Dec-12
Last Change Date Time	10-Oct-12	10-Oct-12
Description Short	Tommy Roma 200gm	Tommy Roma 10 x 200gm
Additional Trade Item Description		
Classification Category Code	Cherry Tomato 10006162	Cherry Tomato 10006162
Ingredient Sequence		



Ingredient Name		
Ingredient Statement		
Packaging Material Code	Plastic	Plastic
Returnable Package Deposit Code		8714548154003
Returnable Package Deposit Amount		3,86
Returnable Package Deposit Currency		Euro
Display Type Code		
Maturity Method A tTime of Sale		
Organic Trade Item Code		
Organic Claim Agency Code		
Target Market Country Code	372	372

Other examples could include: bagged apples, or bagged oranges:



## 2.2. Use Case #2: Loose / Bulk Unpacked, No Branded displayed on label of the Trade Item, Packed and Traded by Weight with a GS1 EAN/UPC or GS1 DataBar bar code (GTIN)




		
Industry Attribute Name	Example for Consumer Unit	Example for Bin
<b>globalTradeItemNumber</b> ①	614141234561	10614141234568
brandName	Unbranded	Unbranded
produceVarietyType	Watermelon	Watermelon
growingMethodCode	Conventional	Conventional
tradeItemCountryOfOrigin	Spain	Spain
functionalName	Watermelon	Watermelon
gradeCode	II	II
gradeCodeAgency	UNECE	UNECE
packagingTypeCode	UNP (Unpacked)	Bin
<b>quantityOfNextLowerLevelTradeItem</b> ②		48
netContent & UoM		240 kilos
<b>descriptiveSize</b> ③	Medium	Medium
commercialType		
<b>height &amp; UoM</b> ④	12cm	1.05 meters
<b>width &amp; UoM</b> ④	12cm	1.0 meters
<b>depth &amp; UoM</b> ④	12cm	1.2 meters
<b>grossWeight &amp; UoM</b> ⑤	5 kilos	290 kilos
Colour	Green	Green
InnerFleshColourCode	Yellow	Yellow
PostHarvestTreatmentChemicalCode		
PostProcessTradeItemTreatmentPhysicalCode		
cookingType		
produceSeedPresencesTypeCode	Seedless	Seedless
TradeItemMarketingMessage		
Genus	Citrullus	Citrullus
Species	Lanatus	Lanatus
tradeItemFormDescription		
tradeItemDescription	Round Green Watermelon	Round Green Watermelon

tradeltemUnitDescriptor	Ea (Base unit or each)	Bin
netWeight & UoM	5 kilo	240 kilos
quantityOfLayerPerPallet		1
quantityOfTradeltemsPerPalletLayer		1
effectiveDate	15-Dec-12	15-Dec-12
additionalTradeltemIdentificationType	PLU	
additionalTradeltemIdentificationValue	4341	
brandOwner (GLN)	0614141100002	0614141100002
<b>AdditionalBrandOwnerIdentificationType</b> Ⓞ	DUNS	DUNS
<b>AdditionalBrandOwnerIdentificationValue</b> Ⓞ	1234567	1234568
nameOfBrandOwner		
informationProviderOfTradeltem(GLN)	0614141100002	0614141100002
<b>AdditionalInformationproviderOfTradeltemIdentificationType</b> Ⓞ	DUNS	DUNS
<b>AdditionalInformationproviderOfTradeltemIdentificationValue</b> Ⓞ	1234567	1234568
nameOfInformationprovider	Bill's Watermelon's	Bill's Watermelon's
nameOfManufacturer	Bill's Watermelon's	Bill's Watermelon's
manufacturer(GLN)	Insert Bill's GLN from 44	Insert Bill's GLN from 44
IsTradeltemAnOrderableUnit	No	Yes
IsTradeltemAVariableUnit	Yes	No
IsTradeltemABaseUnit	Yes	No
IsTradeltemAConsumerUnit	Yes	No
IsTradeltemADispatchUnit	No	Yes
IsTradeltemAnInvoiceUnit	No	Yes
IsPackagingMarkedReturnable	No	Yes
IsNonSoldTradeltemReturnable	No	No
IsTradeltemMarkedAsRecyclable	No	No
quantityOfCompleteLayersContainedInTradeltem		1
quantityOfTradeltemsContainedInACompleteLayer		1
quantityOfTradeltemsPerPallet		1
startAvailabilityDateTime	15-Dec-12	15-Dec-12
lastChangeDateTime	10-Oct-12	10-Oct-12
descriptionShort	Bill's Seedless Watermelons	Bill's Seedless Watermelons
additionalTradeltemDescription		
classificationCategoryCode	10006037 - watermelons	10006037 - watermelons
IngredientSequence		
IngredientName		
<b>IngredientStatement</b> Ⓞ		
packagingMaterialCode		97 (Triple Wall Corrugated Board)
Returnable Package Deposit Code		
Returnable Package Deposit Amount		

Returnable Package Deposit Currency		
displayTypeCode		
MaturityMethodAtTimeofSale		
organicTradeItemCode		
organicClaimAgency		
Target Market Country Code	372	372


1. Even though the product is Unbranded, it has an EAN or UPC bar code with a GTIN encoded. The GTIN is assigned by the brand owner, in this example Bill's Watermelon's
2. This is an average quantity which will vary when picked. Although quantity may vary, a number is needed. (**Note:** A new attribute may be added to indicate whether a) net quantity or b) count of next lower level of the trade item is primarily used)
3. Dependent on the market this may be a number size code
4. In this example, even though watermelons are round, estimated numbers need to be filled in
5. This is an average weight
6. This should be a GLN. If not a GLN, choose the value that best describes the identification type you're using for brand owner, in this example DUNS. This value should correlate with the number entered in AdditionalBrandOwnerIdentificationValue, e.g. DUNS
7. This is the actual number or value to the AdditionalBrandOwnerIdentificationValue, e.g. DUNS.
8. Choose the value that best describes the identification type you're using for the information provider; this value should correlate with the number entered in AdditionalInformationproviderOfTradeItemIdentificationValue, e.g. DUNS
9. This is the actual number relating to the information provider of the trade item, e.g. DUNS #
10. This attribute provides additional information such as a warning: may contain peanuts

Other examples could include: Cantaloupes or Pumpkins

Cantaloupe Each	Case of Cantaloupe	Bin of Pumpkins
		

### 2.3. Use Case #3: Pre-packed Fixed Weight Mixed Consumer Trade Package with GS1 EAN/UPC bar code (GTIN)

This is Use Case example is similar to Use Case #1 except this example is for mixed consumer products. All attributes that were similar to Use Case #1 have been removed; attributes that are different remain. The key difference is the Ingredient Sequence and Ingredient Name, since it is a mixed product this needs to be identified using these attributes. The GTIN is different since it is a different product.

		
Industry Attribute Name	Example for Consumer	Example for Case
globalTradeItemNumber	3535689298006	13535689298003
brandName	Klaus	Klaus
growingMethodCode	Organic	Organic
produceVarietyType	Thompson seedless / Palieri	Thompson seedless / Palieri
IngredientSequence	1,2	1,2
IngredientName	Red, Green Table Grapes	Red,Green Table Grapes

Other examples: mixed peppers, mixed tomatoes cherries, bagged mixed greens/salads, bagged oranges & apples:



## 2.4. Use Case #4: Private Label Trade Item Sold by Weight with a GS1 EAN/UPC bar code (GTIN)

This Use Case example is similar to Use Case #2 except in this example the Watermelons are Private Label. Again, all attributes were removed that were similar to Use Case #2 and those that are different remain.

The Key differences are:

- The Brand Name is Jim's Tasty Watermelons
- The watermelons are farmed by Bill's Watermelons
- John's Cooperative is the provider of the information for the New Item Listing.

This is shown through the following attributes: Brand Name, Name of Manufacturer and Name of Information Provider.

Basically, this scenario is of a Cooperative (John's) where the farmer Bill's) sells his product to John's Cooperative and John's Cooperative sells the product to multiple trading partners. In this case, they are labelling the product for a retailer (the brand owner) with the retailers' GTIN.



		
Industry Attribute Name	Example for Consumer Unit	Example for Bin
globalTrade Item Number	3536789378926	13536789378923
informationProviderOfTradeItem(GLN)	3534437200001	3534437200001
nameOfInformationprovider	John's Cooperative	John's Cooperative
AdditionalInformationproviderOfTradeItemIdentificationType	DUNS	DUNS
AdditionalInformationproviderOfTradeItemIdentificationValue	45678901	45678901
descriptionShort	Jim's Tasty Watermelon's (Private Label)	Jim's Tasty Watermelon's (Private Label)
manufacturer(GLN)	3538653100008	3538653100008
nameOfManufacturer	Bill's Watermelon's	Bill's Watermelon's
brandName	Jim's Tasty Watermelons (Private Label)	Jim's Tasty Watermelons (Private Label)
brandOwner (GLN)	3536789100008	3536789100008
nameOfBrandOwner	Jim's Supermarket	Jim's Supermarket
AdditionalBrandOwnerIdentificationType	DUNS	DUNS
AdditionalBrandOwnerIdentificationValue	2345678	2345678

## 2.5. Use Case #5: Loose Branded Trade Item, Packed and Traded by Weight with a GS1 DataBar bar code (GTIN)

This Use Case example is similar to Use Case #2 except in this example the Watermelons are branded with Bill's Watermelons. In this example, Bill's provides all information since Bill's farm's, sells and provides all information to the trading partner for the New Item Listing. (Only the attributes which are different from Use Case #2 are shown.)

*For illustration, below is an apple with a GS1 DataBar Stacked Omnidirectional bar code. Along with the GS1 DataBar bar code on the sticker, there is a human readable PLU (Price Look Up) Number. These PLU's are assigned and administered by the IFPS (International Federation of Produce Standards).*



		
Industry Attribute Name	Example for Consumer Unit	Example for Bin
globalTradeItemNumber	614141234561	10614141234568
informationProviderOfTradeItem(GLN)	0614141100002	0614141100002
nameOfInformationprovider	Bill's Watermelon's	Bill's Watermelon's
AdditionalInformationproviderOfTradeItemIdentificationType	DUNS	DUNS
AdditionalInformationproviderOfTradeItemIdentificationValue	1234567	1234568
manufacturer(GLN)	0614141100002	0614141100002
nameOfManufacturer	Bill's Watermelon's	Bill's Watermelon's
brandName	Bill's Watermelons	Bill's Watermelons
brandOwner (GLN)	0614141100002	0614141100002
nameOfBrandOwner	Bill's Watermelon's	Bill's Watermelon's
AdditionalBrandOwnerIdentificationType	DUNS	DUNS
AdditionalBrandOwnerIdentificationValue	1234567	1234567
<b>additionalTradeItemIdentificationType ①</b>	PLU	
<b>additionalTradeItemIdentificationValue ②</b>	4341	

## 2.6. Use Case #6: Mixed-Bundle

Mix-Containers made of various articles or components are not intended for sale to the final consumer. The information for this mix-containers and their components/sale items are always included to detect and provide together.



Industry Attribute Name	Example for Component 1	Example for Component 2	Example for Case
globalTrade Item Number	4311527003075	4311527003082	4311527003099
IsTradeItemABaseUnit	Yes	Yes	No
effectiveDate	21-Nov-12	21-Nov-12	21-Nov-12
informationProviderOfTradeItem(GLN)	4000000100003	4000000100003	4000000100003
nameOfInformationprovider	Vegi Cooperative	Vegi Cooperative	Vegi Cooperative
AdditionalInformationproviderOfTradeItemIdentificationType			
AdditionalInformationproviderOfTradeItemIdentificationValue			
Target Market Country Code	276	276	276
lastChangeDateTime	21-Nov-12	21-Nov-12	21-Nov-12
startAvailabilityDateTime	1-Jan-13	1-Jan-13	1-Jan-13
quantityOfNextLowerLevelTradeItem			
descriptionShort	Curled lettuce red	Curled lettuce green	Mixed with different Salads
IsTradeItemADispatchUnit	No	No	Yes
IsTradeItemAnInvoiceUnit	No	No	Yes
IsTradeItemAnOrderableUnit	No	No	Yes
IsTradeItemAConsumerUnit	Yes	Yes	No
manufacturer(GLN)	4000000100003	4000000100003	4000000100003
nameOfManufacturer	Vegi Cooperative	Vegi Cooperative	Vegi Cooperative
netContent & UoM			
netWeight & UoM	300 gr	300 gr	2.7 kg
brandName	Unbranded	Unbranded	Unbranded
brandOwner (GLN)			



nameOfBrandOwner			
AdditionalBrandOwnerIdentificationType			
AdditionalBrandOwnerIdentificationValue			
TradeItemMarketingMessage			
additionalTradeItemDescription			
functionalName	Red lettuce	Green lettuce	Mixed lettuces
classificationCategoryCode	10006268 - Loose Leaf/Multileaf Lettuce Other	10006268 - Loose Leaf/Multileaf Lettuce Othe	10006268 - Loose Leaf/Multileaf Lettuce Othe
IsNonSoldTradeItemReturnable	No	No	No
IsTradeItemAVariableUnit	No	No	No
tradeItemCountryOfOrigin	Spain	Spain	Spain
organicTradeItemCode	5	5	5
growingMethodCode	Conventional	Conventional	Conventional
organicClaimAgency			
Colour	Red	Green	
descriptiveSize			
additionalTradeItemIdentificationType			
additionalTradeItemIdentificationValue			
gradeCode			
gradeCodeAgency			
tradeItemFormDescription			
tradeItemDescription			
produceVarietyType			
genus	Lactuca	Lactuca	Lactuca
species	Lactuca Sativa	Lactuca Sativa	Lactuca Sativa
commercialType			
MaturityMethodAtTimeofSale			
InnerFleshColourCode			
tradeItemUnitDescriptor	Base Unit	Base Unit	Case
PostHarvestTreatmentChemicalCode			
produceSeedPresencesTypeCode			
cookingType			
PostProcessTradeItemTreatmentPhysicalCode			
packagingTypeCode	SRT	SRT	Box
height & UoM	14cm	14cm	16cm
depth & UoM	10cm	10cm	30cm
width & UoM	10cm	10cm	40cm
grossWeight & UoM	325 grams	325 grams	3.5 kilo
IsPackagingMarkedReturnable	No	No	No
displayTypeCode			
IsTradeItemMarkedAsRecyclable	No	No	No
packagingMaterialCode	Plastic	Plastic	Plastic
Returnable Package Deposit Code			
Returnable Package Deposit Amount			
Returnable Package Deposit Currency			
quantityOfTradeItemsPerPalletLayer			4

quantityOfTradeItemsPerPallet			64
quantityOfLayerPerPallet			14
quantityOfCompleteLayersContainedInTradeItem			
quantityOfTradeItemsContainedInACompleteLayer			
IngredientSequence			
IngredientName			
IngredientStatement			

## Annex 1 - GS1 XML CIN Example 3.1

```
<?xml version="1.0" encoding="UTF-8"?>
<catalogue_item_notification:catalogueItemNotificationMessage
xsi:schemaLocation="urn:gs1:gdsn:catalogue_item_notification:xsd:3
file:///C:/Users/Pere/Dropbox/Adaptador/MapGDSN28MjR3/Schemas3.1/gs1/gdsn/CatalogueItemNotification.xsd"
xmlns:catalogue_item_notification="urn:gs1:gdsn:catalogue_item_notification:xsd:3"
xmlns:sh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:alcohol_information="urn:gs1:gdsn:alcohol_information:xsd:3"
xmlns:allergen_information="urn:gs1:gdsn:allergen_information:xsd:3"
xmlns:apparel_information="urn:gs1:gdsn:apparel_information:xsd:3"
xmlns:audience_or_player_information="urn:gs1:gdsn:audience_or_player_information:xsd:3"
xmlns:audio_visual_media_content_information="urn:gs1:gdsn:audio_visual_media_content_information:xsd:3"
xmlns:audio_visual_media_product_description_information="urn:gs1:gdsn:audio_visual_media_product_description_informatio
n:xsd:3" xmlns:audio_visual_media_production_information="urn:gs1:gdsn:audio_visual_media_production_information:xsd:3"
xmlns:award_prize="urn:gs1:gdsn:award_prize:xsd:3" xmlns:battery_information="urn:gs1:gdsn:battery_information:xsd:3"
xmlns:certification_information="urn:gs1:gdsn:certification_information:xsd:3"
xmlns:chemical_regulation_information="urn:gs1:gdsn:chemical_regulation_information:xsd:3"
xmlns:consumer_instructions="urn:gs1:gdsn:consumer_instructions:xsd:3"
xmlns:controlled_substance="urn:gs1:gdsn:controlled_substance:xsd:3"
xmlns:copyright_information="urn:gs1:gdsn:copyright_information:xsd:3"
xmlns:dairy_fish_meat_poultry="urn:gs1:gdsn:dairy_fish_meat_poultry:xsd:3"
xmlns:dangerous_substance_information="urn:gs1:gdsn:dangerous_substance_information:xsd:3"
xmlns:delivery_purchasing_information="urn:gs1:gdsn:delivery_purchasing_information:xsd:3"
xmlns:diet_information="urn:gs1:gdsn:diet_information:xsd:3"
xmlns:durable_goods_characteristics="urn:gs1:gdsn:durable_goods_characteristics:xsd:3"
xmlns:duty_fee_tax_information="urn:gs1:gdsn:duty_fee_tax_information:xsd:3"
xmlns:electronic_device_characteristics_information="urn:gs1:gdsn:electronic_device_characteristics_information:xsd:3"
xmlns:farming_and_processing_information="urn:gs1:gdsn:farming_and_processing_information:xsd:3"
xmlns:food_and_beverage_ingredient="urn:gs1:gdsn:food_and_beverage_ingredient:xsd:3"
xmlns:food_and_beverage_preparation_serving="urn:gs1:gdsn:food_and_beverage_preparation_serving:xsd:3"
xmlns:food_and_beverage_properties_information="urn:gs1:gdsn:food_and_beverage_properties_information:xsd:3"
xmlns:gdsn_common="urn:gs1:gdsn:gdsn_common:xsd:3"
xmlns:health_related_information="urn:gs1:gdsn:health_related_information:xsd:3"
xmlns:health_wellness_packaging_marking="urn:gs1:gdsn:health_wellness_packaging_marking:xsd:3"
xmlns:healthcare_item_information="urn:gs1:gdsn:healthcare_item_information:xsd:3"
xmlns:marketing_information="urn:gs1:gdsn:marketing_information:xsd:3"
xmlns:medical_device_trade_item="urn:gs1:gdsn:medical_device_trade_item:xsd:3"
xmlns:movie_revenue_information="urn:gs1:gdsn:movie_revenue_information:xsd:3"
xmlns:nonfood_ingredient="urn:gs1:gdsn:nonfood_ingredient:xsd:3"
xmlns:nongtin_logistics_unit_information="urn:gs1:gdsn:nongtin_logistics_unit_information:xsd:3"
xmlns:nutritional_information="urn:gs1:gdsn:nutritional_information:xsd:3"
xmlns:onix_publication_file_information="urn:gs1:gdsn:onix_publication_file_information:xsd:3"
xmlns:organism_classification="urn:gs1:gdsn:organism_classification:xsd:3"
xmlns:packaging_information="urn:gs1:gdsn:packaging_information:xsd:3"
xmlns:packaging_marking="urn:gs1:gdsn:packaging_marking:xsd:3"
xmlns:packaging_sustainability="urn:gs1:gdsn:packaging_sustainability:xsd:3"
xmlns:pharmaceutical_item_information="urn:gs1:gdsn:pharmaceutical_item_information:xsd:3"
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</tradeItem>
</catalogueItem>
</catalogue_item_notification:catalogueItemNotification>
</documentCommand>
</transaction></catalogue_item_notification:catalogueItemNotificationMessage>
```

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#### About GS1 Europe

GS1 in Europe is a collaboration of 47 GS1 member organisations and leads the creation and implementation of harmonised, user-driven solutions for improving the supply and demand chain of European companies. Further information on GS1 in Europe and the activities in the area of fruit and vegetables can be obtained from [www.gs1.eu](http://www.gs1.eu).

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