

Title	National Product Catalogue Grocery Implementation Guide
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Document Purpose

The purpose of this document is to provide a quick start guide for Publishers loading product data to National Product Catalogue (NPC). It contains information to the data requirements for the Grocery Industry Data Recipients. The document is intended for use by Grocery Publishers publishing product data to NPC.

Document Audience

This document was designed primarily for Publisher GUI users but is not limited to this group.

How to Use this Document

Chapter Workflow

The flow of this document is loosely based on the work process a Publisher may need to go through to become NPC Ready, i.e. from the first step (understanding what is the NPC) to the last step (becoming NPC ready).

In addition, the content within the chapters provide information of “what” is required. Additional information regarding “how” to fulfil such information is outlined in the Appendixes.

Cross Hyperlinks

Accessing information between “what” vs “how” can be accessed through various cross-links, i.e. one link to take the user to the Appendix and another link to take the user back to original page.

Document Control

Document Version and Change History

Version	Date	Nature of change / comments	Editors
1.40	August 2019	The following attributes are removed: Acid Hydrolysed Vegetable Protein Statement Added Animal Fats And Oils Added Caffeine Amount Added Vegetable Fats And Oils	B.Nuangstri

		Allergen Cross Contact Management Method Allergen Management Plan Date Allium Genus Name And Derivative Animal Derivatives Antioxidant Butylated Hydroxyanisole Quantity Antioxidant Butylated Hydroxytoluene Quantity AQS Variance Are GM Ingredients Used? Are Imported Components Substantially Transformed? Are Primary Components From More Than One Country? Avocado Name And Derivative Banana Name And Derivative Beef Gelatine Name And Derivative Berry Fruit Name And Derivative Bird Derivatives Bird Type Bovine Spongiform Encephalopathy (BSE) Free? Buckwheat Name And Derivative Chemical Nitrite Citrus Fruit Name And Derivative Coconut Poppy Sunflower Name And Derivative Code of Practice Component Type Country of Origin Ingredients Level Date Mark Printing Method Does Allergen Management Plan Include a Cross Contact Allergen Plan? Does Packaging Have Direct Contact with Food? Does Processing Facility Have Allergen Management Plan? Does Processing Facility Have Food Safety Plan? Does Product contain GM Novel DNA or Protein?	
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		<p>Does Product Require Pre Market Clearance?</p> <p>Enzyme Hydrolysed Vegetable Protein Statement</p> <p>Essential Characteristic Result of Local Processing?</p> <p>Fish Derivatives</p> <p>Fish Type</p> <p>GM food / GM Ingredient Unintentionally Present Greater Than 10g / kg</p> <p>Has a GM Ingredient or Additive Altered the Characteristics?</p> <p>Has Added Animal Fat And Oil Altered Fatty Acid Composition?</p> <p>Has Added Vegetable Fat And Oil Altered Fatty Acid Composition?</p> <p>Has Food Safety Plan Been Audited And Certified?</p> <p>Has GM Cross Contamination Occurred during Manufacture or Storage?</p> <p>Has GM Cross Contamination Occurred During Transport?</p> <p>Has GM Material been Polymerase Chain Reaction (PCR) Tested?</p> <p>Herb Name And Type</p> <p>Honey Derivatives</p> <p>Ingredient Content Percentage</p> <p>Ingredient Sequence</p> <p>Ingredient(s) Treated by Ethylene Oxide</p> <p>Ingredient(s) Treated by Ionising Radiation</p> <p>Ingredient(s) Treated by Other Fumigants or Sterilants</p> <p>Ingredient(s) Treated by Steam Sterilisation</p> <p>Ingredients from an Animal(s) Fed with GM Feedstock</p> <p>Ingredients GM Tolerance Level</p> <p>Intended Use</p> <p>Is Item Thawed Before Sale?</p> <p>Is Product Substantially Transformed?</p>	
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		<p>Is There Additional GM Labelling On Product?</p> <p>Legumes Name And Derivative</p> <p>Matsutake Mushroom Name And Derivative</p> <p>Meat Derivatives</p> <p>Meat Type</p> <p>Meets Food Contact Specification?</p> <p>Microbiological Risk Category</p> <p>Minimum Percent Weight of Characterising Ingredient After Processing</p> <p>Minimum Percent Weight of Characterising Ingredient Before Processing</p> <p>Mustard Name And Derivative</p> <p>Number of Standard Drinks</p> <p>Nutritional Label Type Code</p> <p>Other Antioxidant Type</p> <p>Other Antioxidant Value</p> <p>Other Gelatine Name And Derivative</p> <p>Other Mushroom Name And Derivative</p> <p>Packaging Color Code List Agency</p> <p>Packaging Color Code Value</p> <p>Packaging Color Description</p> <p>Packaging Function Description</p> <p>Packaging Manufacturing Process</p> <p>Packaging Material Gauge</p> <p>Percentage of Recycled Material in Packaging</p> <p>Pome Fruit Name And Derivative</p> <p>Preservation System Separating GM and Non GM components</p> <p>Primary Traceability Code</p> <p>Print Method</p> <p>Printing Number of Colors</p> <p>Product / Component Novel Food Statement</p> <p>Reconstitution Rate</p> <p>Rehydration Rate</p> <p>Residual Alcohol Amount</p>	
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		Seafood Algae Carrageenan Name And Derivative Seafood Mollusc Name And Derivative Sensory Appearance Sensory Flavour Sensory Odour Sensory Texture Serving Size Description Source of Bird Products Source of Fish Products Source of Honey Products Source of Meat Products Spice Name And Type Stone Fruit Name And Derivative Target Fill Target Fill UOM Temperature/Time Used In Heat Processing Temperature/Time Used In Heat Processing For Bird And Bird Products Temperature/Time Used In Heat Processing For Fish And Fish Products Temperature/Time Used In Heat Processing For Honey And Honey Products Temperature/Time Used In Heat Processing For Meat And Meat Products Tomato Name And Derivative Total Product Costs exceed 50 Percent in Country of Origin? Traceability Code Characters Traceability Code Labelling Method Traceability Code Position Traceability Code Sample Traceability Coding Translation Trade Item Date On Packaging Location Transport And Packaging Method Type of Animal Product	
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		Umbelliferae Name And Derivative Weight in Grams of Oil Present Why Were Non GM Ingredients Used? Yam Name And Derivative Yeast And Yeast Product Type	
1.30	May 2019	Included Drakes Supermarket Target Data Requirements NIP related attributes updated to 'R' as Coles requirement Field name Quantity Contained/UOM updated to Nutrient Quantity/UOM. This is aligned with NPC Publisher UI field name. The following attributes has been removed: Customs or Excisable Type Customs or Excisable Code Customs or Excisable Value Number of Standard Drinks	K.Lai
1.10	February 2018	Added attributes for Container Deposit Scheme support	K.Lai
1.01	December 2017	Trade Item Unit Descriptor Code: DISPLAY_SHIPPER not to be used in AU Community Country of Origin Statement changed from N to R for Coles	K.Lai
1.00	21 st August 2017	Introducing the Grocery Implementation Guide	K.Lai / A.Đinh

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1.0 OVERVIEW

The National Product Catalogue (NPC) Grocery Implementation Guide has been developed for all Publishers loading and maintaining data for the Grocery Industry. This document provides information to assist Publishers to better understand the system, the tasks, and the data needed to meet the Grocery Industry requirements.

1.1 What is the National Product Catalogue?

The NPC is the data synchronisation solution for the Australian and New Zealand community. The NPC enables Publishers to enter, validate, store, maintain all product, pricing, and other related trade information in a single location. Global standards-based information can be easily shared with the Recipients across all industry sectors, in Australia, New Zealand, and around the world.

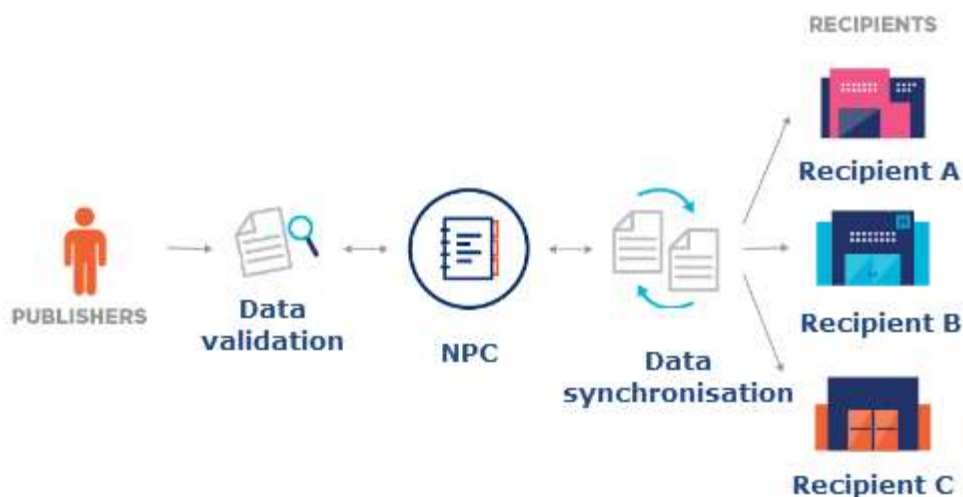
Note that the NPC will only store data that meets its data model requirements. Data sent to the NPC that does not meet data model requirements or does not support the product hierarchy level in question, will not be stored.

The NPC is a certified data pool that is part of a global network, the GS1 Global Data Synchronisation Network (GDSN), a powerful environment for secure and continuous synchronisation of accurate data. For details regarding GDSN choreography, please refer to [Appendix G – Global Data Synchronisation Network \(GDSN\) Choreography](#).

N.B: For a glossary of terms, please refer to [Appendix A – National Product Catalogue Concepts and Key Terminology](#).

GS1 Australia and GS1 New Zealand work with members in more than eighteen industry sectors. The NPC is endorsed locally across more than five of these sectors including Grocery, Liquor, Healthcare, Office Supplies, and Hardware. Businesses in these sectors are seeing benefits delivered through the use of the NPC.

The NPC is underpinned by its user driven community – GS1 Australia and GS1 New Zealand members who have subscribed to the service and partake in user groups and other governance groups to drive the direction of development in partnership with GS1 Australia and GS1 New Zealand.



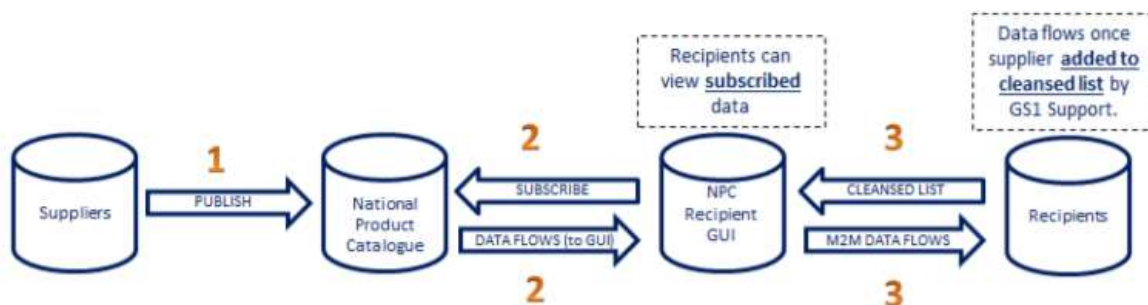
The National Product Catalogue Architecture

1.2 User Types

The NPC workflow involves two user types:

- **Publisher or Supplier** – usually a manufacturer or importer; this is the catalogue owner who populates item and price master data into their NPC. When discussing technical aspects of the NPC the term “Publisher” is often used. When referring to the commercial relationship the term “Supplier” is usually used.
- **Recipient or Retailer** – this may be a retailer or a Health Jurisdiction, a wholesaler or other type of business entity (excludes end consumers) which is a customer of Publishers on the system. When discussing technical aspects of the NPC the term “Recipient” is often used.

The below figure illustrates the flow of data between Publishers and Recipients.



The flow of data between Publisher and Recipient

1.2.1 Wholesalers – a special type of user

Wholesalers are considered both Publishers and Recipients. Whilst the Publisher section of this document is relevant to Wholesalers in their supply capacity, it is recommended that Wholesalers contact the GS1 Data & Digital Content Services team to map out the best way to function as both Publisher and Recipient via the NPC.

2.0 GETTING STARTED

This section covers the below key points:

- Selecting the products to be loaded onto the NPC
- Populating the products in the correct structure within the NPC
- Initial price discussions with Retailers and the NPC Customer Support Advisors (CSA)

2.1 Determine National Product Catalogue Trade Item Groups

The type and number of products loaded onto the NPC is dependent on Recipient requirements.

Within the Grocery Industry, it is a requirement to load the entire range of products that Publishers are currently trading with their Recipients. If private label products are part of the range, please discuss with the relevant Recipients if the items should be loaded onto the NPC.

NPC Customer Support Team can also provide support if assistance is required with loading private label products.

The NPC must be structured into product groups, which reflect values such as product function, type, branding, retailer supplier ID (if applicable, please refer to section [2.5 Retailer Supplier IDs](#)), etc. These groups are known as 'Trade Item Groups'. When determining Trade Item Groups, please consider which products each Recipient need to have access to.

Example: Products grouped via Product Function

Trade Item Group Identification Code	BRFT
Trade Item Group Identification Code Description	Breakfast Range

Trade Item Group Identification Code	BABY
Trade Item Group Identification Code Description	Baby Food Range

Example: Products grouped via Product Type

Trade Item Group Identification Code	CRBR
Trade Item Group Identification Code Description	Cereal Breakfast range

Trade Item Group Identification Code	MUBR
Trade Item Group Identification Code Description	Muesli Breakfast Range

Example: Products grouped via Branding

Trade Item Group Identification Code	0001
Trade Item Group Identification Code Description	K-Pop Breakfast

Trade Item Group Identification Code	0002
Trade Item Group Identification Code Description	Big Savings Co

Example: Products grouped via Retailer Supplier ID

Trade Item Group Identification Code	ABCD
Trade Item Group Identification Code Description	Big Supermarket Retailer Supplier ID 123456

Trade Item Group Identification Code	DEFG
Trade Item Group Identification Code Description	Savings Supermarket Retailer Supplier ID 654987

2.2 Product Packaging Levels / Product Hierarchy

Once the product range to be loaded has been established, Publishers will then need to determine the packaging hierarchy within each product.

For the Recipients to have a complete understanding of an item and the interplay of item relationships, a complete and accurate packaging hierarchy is the foundation. The key is to populate the *Parent*, *Child*, and *Child Quantity* attributes accurately and in a consistent manner.

Hierarchies are always described from the largest item (e.g. Case Unit) to the smallest (e.g. Base Unit). Products are published at the highest level in the hierarchy and the NPC data pool automatically sends a message regarding this item (e.g. Case Unit) and all the lower levels within it (e.g. Inner and Base Units).

The following sub-charters illustrates common product packaging hierarchies (i.e. three, two, and one product packaging levels). For unique packaging scenarios (e.g. shelf display ready products).

2.2.1 Three-Level Hierarchy

The figure and table below illustrates a three-level hierarchy including the attributes and values necessary to correctly communicate the hierarchy.

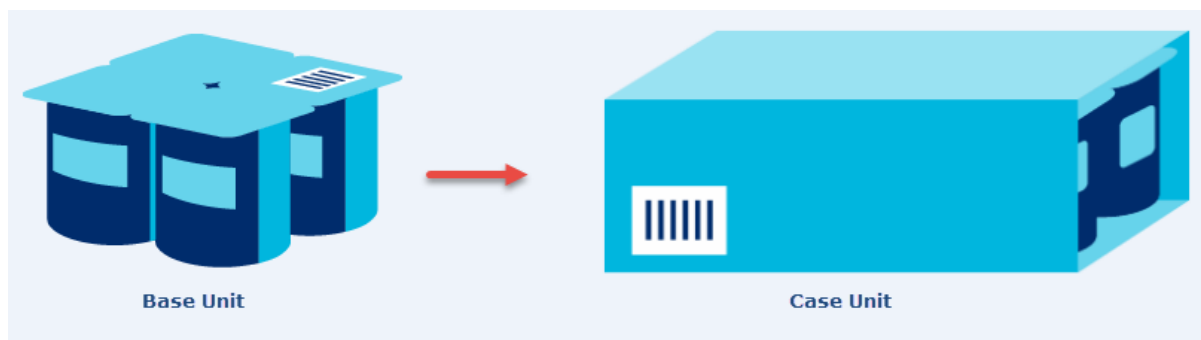


Three-Level Hierarchy

Attribute > Packaging Hierarchy >	GTIN	Child GTIN	Child Quantity	GTIN of Base Unit	Number of Base Units
Base Unit	09312345123452	N/A	N/A	N/A	N/A
Inner Pack	09312345123469	09312345123452	4	09312345123452	4
Case Unit	19312345123473	09312345123469	4	09312345123452	16

2.2.2 Two-Level Hierarchy

The figure and table below illustrates a two-level hierarchy including the attributes and values necessary to correctly communicate the hierarchy.



Two-Level Hierarchy

Attribute > Packaging Hierarchy >	GTIN	Child GTIN	Child Quantity	GTIN of Base Unit	Number of Base Units
Base Unit	09312345123452	N/A	N/A	N/A	N/A
Case Unit	19312345123473	09312345123452	4	09312345123452	4

2.2.3 One-Level Hierarchy

The figure and table below illustrates a one-level hierarchy including the attributes and values necessary to correctly communicate the hierarchy.



One-Level Hierarchy

Attribute > Packaging Hierarchy >	GTIN	Child GTIN	Child Quantity	GTIN of Base Unit	Number of Base Units
Base Unit	09312345123476	N/A	N/A	N/A	N/A

2.3 Product Measurement Rules

The accurate and consistent dimensional measurement of trade item packaging is key to the successful implementation of Data Synchronisation with Retailers. These GDSN rules are provided for use by all Suppliers and Retailers wishing to exchange data about product package measurements. The GDSN rules for determining product package measurements is intended to ensure global compatibility.

For details on how to correctly measure items, please refer to [Appendix D – Product Measurements](#).

2.4 Retailer Supplier IDs

Retailer Supplier IDs are codes used by Recipients to identify Publishers within Recipients' internal systems. Publishers can source the Retailer Supplier IDs from their Recipients or refer to the invoices sent to them by their Recipients. Retailer Supplier IDs are populated within the Publisher Tool. For assistance, please contact the NPC Customer Support Team.

(Return to [2.1 Determine National Product Catalogue Trade Item Groups](#))

2.5 Country of Origin Labelling

The Australian Government has introduced a new country of origin food labelling system, which commenced on 1 July 2016. Under the new system, country of origin labelling requirements come under Australian Consumer Law.

Businesses have two years to change their food labels to comply with the new law before it becomes mandatory on 1 July 2018.

For further information on how to populate Country of Origin Labelling, please refer to the [Country of Origin Labelling Implementation Guide](#).

2.6 Nutritional Information and Comparative Claims

The Nutrition Information Panel (NIP) on a product's packaging provides information about the average amount of nutrition contents in the product. If the product supplied to grocery retailers has a NIP, suppliers are expected to provide this information.

For further information on how to populate Nutritional Information, please refer to the [Nutrition Information Panel \(NIP\) Guide](#).

A product which contain comparative claims on the packaging must be provided onto the NPC. A comparative claim about a food product (claimed food) must include together with the claim:

- the identity of the reference food and;
- the difference between the amount of the property of food in the claimed food and reference food

Below is an example of a product which illustrates comparative claim on the packaging:



Comparative Claim information can be populated on the NPC in the [Marketing and Warranty](#) section. For the technical requirements of this attribute, please refer to the [Item Data Dictionary](#) and search for attribute name: "Trade Item Marketing Message".

2.7 Price Data Requirements

2.7.1 Clarify any allowances or charges with Recipients

Before price information is loaded onto the NPC, determine if there are any associated off-invoice allowances and/or charges. Ensure that the off-invoice allowances and charges against prices loaded onto the NPC are consistent with those presently understood with Retailers.

2.7.2 Setting Up Price Relationships

Creating a price relationship is a one-off activity per Recipient. It is a short sequence of steps conducted by an NPC Customer Support Advisor (CSA) to authorise the Publisher to transmit pricing messages to a Recipient. The price relationship also establishes the currency type that will be implied within the pricing message. Pricing data cannot be uploaded unless a price relationship has been set up for the relevant Recipient.

Publishers using middleware will need to consult with their Certified Product Partners (CPPs) on how to setup Price Relationships.

2.7.3 Woolworths Price Data Requirements

Woolworths pricing structure is different to other data recipients. For specific Woolworths price requirements, please refer to the '[Woolworths pricing 101](#)' document. For information regarding receiving confirmation messages from Woolworths please refer to the '[Woolworths AU/NZ responding to confirmation messages](#)' document.

3.0 IDENTIFY DATA REQUIREMENTS

There are Industry and Recipient specific data requirements for products being entered into the NPC. This chapter covers specific data requirements by the Coles, Woolworths, Ausfec (The Distributors), Netget Australia (IR Exchange) and Metcash (IGA).

The below data requirements have been grouped as they are in the NPC Publisher User Interface.

All attributes are hyperlinked to their definitions (all definitions are located within [Appendix B – Item Data Dictionary](#) and [Appendix C – Price Data Definitions](#)).

Each sub-chapter within this chapter consists of nine columns:

- **Information Requirement:** common name of the attributes or group
- **NPC Label Name:** name of the attribute as it appears on the Publisher UI
- **GDSN Attributes Name:** the GDSN XML element name
- **Coles:** Coles requirements
- **Metcash (IGA):** Metcash (IGA) requirements
- **Woolworths:** Woolworths requirements
- **Drakes Supermarket:** Drakes requirements
- **Ausfec (The Distributors):** Ausfec (The Distributors) requirements
- **Netget Australia (IR Exchange):** Netget Australia (IR Exchange) requirements
- **SPAR Australia Ltd:** SPAR Australia Ltd requirements

Using the Key Legend below, Publishers will need to ensure their data complies against the requirements of the Recipients they are publishing to/trading with. For example, Publishers publishing to Coles and Woolworths will need to comply to the data requirements presented in both the Coles and Woolworths columns.

Key	Key Definition
Y	NPC or Recipient Mandatory
R	Required if information is available. For example, some products may have allergy information and thus all attribute relating to allergy must be provided.
N	Not Required

3.1 Product ID & Classification

Please refer to [Product ID & Classification](#) in [Appendix E – Item and Price Data Attribute Examples](#) for examples of how the below attributes can be populated within the National Product Catalogue.

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
GTIN	GTIN	tradeItem -> gtin	Y	Y	Y	Y	Y	Y	Y
Supplier Assigned ID	Additional Trade Item Identification Value	additionalTradeItemIdentificationTypeCode -> value	Y	Y	Y	Y	Y	Y	Y
	Additional Trade Item Identification Type	additionalTradeItemIdentificationTypeCode							
Hierarchy Level	Trade Item Unit Descriptor Code	tradeItemUnitDescriptorCode	Y	Y	Y	Y	Y	Y	Y
Target Market	Target Market Country Code	targetMarketCountryCode	Y	Y	Y	Y	Y	Y	Y
Supplier GLN and Name	Information Provider GLN	informationProviderOfTradeItem -> gln	Y	Y	Y	Y	Y	Y	Y
	Information Provider Name	informationProviderOfTradeItem -> partyName							

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Brand Owner Information	Brand Owner GLN	brandOwner -> gln	N	R	N	N	N	N	N
	Brand Owner Name	brandOwner -> partyName							
Brand	Brand Name	BrandName	Y	Y	Y	Y	Y	Y	Y
	Sub-Brand	subBrand	R	R	R	R	R	R	R
Functional Name	Functional Name	functionalName	Y	Y	Y	Y	Y	Y	Y
Variant	Variant Description	variantDescription	R	R	R	R	R	R	R
Trade Item Description	Trade Item Description	tradeItemDescription	Y	Y	Y	Y	Y	Y	Y
Short Description	Short Description	descriptionShort	Y	Y	Y	Y	Y	Y	Y
Full Description	Full Description	fullTradeItemDescription	N	R	N	N	N	N	N
Trade Item Finish Description	Trade Item Finish Description	TradeItemFinishDescription	N	R	N	N	N	N	N
Country of Origin	Trade Item Country of Origin	placeOfProductActivity -> countryOfOrigin	Y	Y	Y	Y	Y	Y	Y
	Country of Origin Statement	countryOfOriginStatement	R	N	R	R	R	N	R
GPC Code	GPC Category Code	gpcCategoryCode	Y	Y	Y	Y	Y	Y	Y

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
UNSPSC v8.1201*	Additional Trade Item Classification Code Description	additionalTradeItemClassificationCodeDescription	Y	Y	N	Y	N	Y	Y
	Additional Trade Item Classification Code Value	additionalTradeItemClassificationCodeValue							
	Additional Trade Item Classification System Code	additionalTradeItemClassificationSystemCode							
	Additional Trade Item Classification Version	additionalTradeItemClassificationVersion							
Trade Item Group Identification	Trade Item Group Identification Code	tradeItemGroupIdentificationCodeReference	Y	Y	Y	Y	Y	Y	Y
	Trade Item Group Identification Code Description	tradeItemGroupIdentificationCodeReference -> codeDescription	Y	Y	Y	Y	Y	Y	Y
Referenced Trade Information	Referenced Trade Item GTIN	referencedTradeItemTypeCode -> gtin	N	N	R	R	N	N	N
	Referenced Trade Item Type Code	referencedTradeItemTypeCode							

* UNSPSC v8.1201 is used within the Grocery Industry

3.2 Product Characteristics

Please refer to [Product Characteristics](#) and [Ordering & Selling](#), and [Storage](#) in [Appendix E – Item and Price Data Attribute Examples](#) for examples of how the below attributes can be populated within the National Product Catalogue.

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Trade Item Lifespan	Minimum Trade Item Lifespan from Time of Arrival	minimumTradeItemLifespanFromTimeOfArrival	R	R	R	R	R	R	R
	Minimum Trade Item Lifespan from Time of Production	minimumTradeItemLifespanFromTimeOfProduction	R	R	R	R	R	R	R
Base Unit Flag	Is Trade Item A Base Unit?	isTradeItemABaseUnit	Y	Y	Y	Y	Y	Y	Y
Consumer Unit Flag	Is Trade Item A Consumer Unit?	isTradeItemAConsumerUnit	Y	Y	Y	Y	Y	Y	Y
Despatch Unit Flag	Is Trade Item A Despatch Unit?	isTradeItemADespatchUnit	Y	Y	Y	Y	Y	Y	Y
Invoice Unit Flag	Is Trade Item An Invoice Unit?	isTradeItemAnInvoiceUnit	Y	Y	Y	Y	Y	Y	Y

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Orderable Unit Flag	Is Trade Item An Orderable Unit?	isTradeItemAnOrderableUnit	Y	Y	Y	Y	Y	Y	Y
Variable Unit Flag	Is Trade Item A Variable Unit?	isTradeItemAVariableUnit	Y	Y	Y	Y	Y	Y	Y
Non-Sold Returnable Items	Is Non Sold Trade Item Returnable?	isNonSoldTradeItemReturnable	N	N	R	N	N	N	N
Product Dimensions and Weights	Product Height	height	Y	Y	Y	Y	Y	Y	Y
	Product Height UOM	height -> measurementUnitCode							
	Product Width	width	Y	Y	Y	Y	Y	Y	Y
	Product Width UOM	width -> measurementUnitCode							
	Product Depth	depth	Y	Y	Y	Y	Y	Y	Y
	Product Depth UOM	depth -> measurementUnitCode							
	Product Net Weight	netWeight	R	R	R	R	R	R	R
	Product Net Weight UOM	netWeight -> measurementUnitCode							
	Product Gross Weight	grossweight	Y	R	Y	Y	Y	Y	Y

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
	Product Gross Weight UOM	grossWeight -> measurementUnitCode	Y	R	Y	Y	Y	Y	Y
Net Content	Net Content	netContent	R	R	R	R	R	R	R
	Net Content UOM	netContent -> measurementUnitCode							
Product Drained Weight	Product Drained Weight	drainedWeight	N	R	N	N	N	N	N
	Product Drained Weight UOM	drainedWeight -> measurementUnitCode							
Declared Weight / Volume Information	Declared Weight/Volume	declaredWeightVolumeAmount	N	R	N	N	N	N	N
	Declared Weight/Volume UOM	declaredWeightVolumeAmount -> attributeCode (UoM) + codeListNameCode = MEASUREMENT_CODE							
In Box Cube Dimension	In Box Cube Dimension	inBoxCubeDimension	N	R	N	N	N	N	N
	In Box Cube Dimension UOM	measurementUnitCode							
Batch Number	Has Batch Number	hasBatchNumber	N	R	N	N	N	N	N
Trade Measurement Method	Trade Measurement Method	tradeMeasurementMethod	N	R	N	N	N	N	N

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Selling Unit Of Measure	Selling Unit Of Measure	sellingUnitOfMeasure	R	R	Y	R	R	R	R
Genetic Modified Declaration Code	Trade Item Genetically Modified Declaration Code	geneticallyModifiedDeclarationCode	R	R	R	N	R	R	R
Growing Method Code	Trade Item Growing Method Code	growingMethodCode	N	N	R	N	R	N	N

3.3 Tax

Please refer to [Tax](#) in [Appendix E – Item and Price Data Examples](#) for examples of how the below attributes can be populated within the National Product Catalogue.

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Tax	Duty Fee Tax Type Code	dutyFeeTaxTypeCode	Y	Y	Y	Y	Y	Y	Y
	Duty Fee Tax Type Description	dutyFeeTaxTypeDescription	Y	Y	Y	Y	Y	Y	Y
	Duty Fee Tax Agency Code	dutyFeeTaxAgencyCode	Y	Y	Y	Y	Y	Y	Y
	Duty Fee Tax Rate	dutyFeeTaxRate	Y	Y	Y	Y	Y	Y	Y
	Duty Fee Tax Exempt Party Role Code	dutyFeeTaxExemptPartyRoleCode	R	R	R	R	R	R	R

3.4 Dates

Please refer to [Dates](#) in [Appendix E – Item and Price Data Examples](#) for examples of how the below attributes can be populated within the National Product Catalogue.

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
General Dates	Community Visibility Date Time	communityVisibilityDateTime	R	R	R	R	R	R	R
	Publication Date Time	publicationDateTime	Y	Y	Y	Y	Y	Y	Y
	Effective Date Time	effectiveDateTime	Y	Y	Y	Y	Y	Y	Y
	Start Availability Date Time	startAvailabilityDateTime	Y	Y	Y	Y	Y	Y	Y
	End Availability Date time	endAvailabilityDateTime	R	R	R	R	R	R	R
	First Order Date Time	firstOrderDateTime	Y	Y	Y	Y	Y	Y	Y
Seasonal Information	Season Name	seasonName	R	R	R	R	R	R	R
	Seasonal Availability Start Date Time	seasonalAvailabilityStartDateTime	R	R	R	R	R	R	R
	Seasonal Availability End Date Time	seasonalAvailabilityEndDateTime	R	R	R	R	R	R	R

3.5 Base & Config

The following attributes are only populated for non-Base Unit GTINs.

Please refer to [Product ID & Classification](#) in [Appendix E – Item and Price Data Examples](#) for examples of how the below attributes can be populated within the National Product Catalogue.

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Base Unit	GTIN of Base Unit	gTINOfBaseUnit	Y	Y	N	Y	Y	Y	Y
	Number of Base Units	numberOfBaseUnits	Y	Y	N	Y	Y	Y	Y
Packaging Layers (Next lower level)	Quantity Of Complete Layers Contained In A Trade Item	quantityOfCompleteLayersContainedInATradeItem	N	N	R	N	R	N	N
	Units in Depth of Layer	unitsInDepthOfLayer	N	N	R	N	R	N	N
	Units in Width of Layer	unitsInWidthOfLayer	N	N	R	N	R	N	N

3.6 Packaging

Please refer to [Packaging](#) in [Appendix E – Item and Price Data Examples](#) for examples of how the below attributes can be populated within the National Product Catalogue.

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Product marked as Returnable	Is Packaging Marked as Returnable?	isPackagingMarkedReturnable	Y	Y	Y	N	Y	Y	Y
Recyclable Scheme	Packaging Marked Recyclable Scheme	packagingMarkedRecyclableScheme	N	R	N	N	N	N	N
Packaging Information	Packaging Type Code	packagingTypeCode	R	R	N	R	Y	N	N
	Packaging Type Description	packagingTypeDescription	N	R	N	N	Y	N	N
	Packaging Function Code	packagingFunctionCode	N	N	R	N	R	N	N
Shipping Container Quantity Description	Shipping Container Quantity Description	shippingContainerQuantityDescription	N	R	N	N	N	N	N

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Packaging Material Information	Packaging Material Type Code	packagingMaterialTypeCode	N	R	R	N	R	N	N
	Packaging Material Composition Quantity	packagingMaterialCompositionQuantity							
	Packaging Material Composition Quantity UOM	measurementUnitCode							
Container Deposit Scheme	Returnable Package Deposit Amount	returnablePackageDepositAmount	R	R	N	R	N	N	N
	Returnable Package Deposit Amount Currency Code	returnablePackageDepositAmount -> currencyCode	R	R	N	R	N	N	N
	Returnable Package Deposit End Date	depositValueEndDateTime	N	R	R	R	N	N	N
	Returnable Package Deposit Identification	returnablePackageDepositIdentification	R	R	R	R	N	N	N
	Returnable Package Deposit Region: Country	returnablePackageDepositRegion + targetMarketCountryCode	R	R	R	R	N	N	N

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausftec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
	Returnable Package Deposit Region: State	returnablePackageDepositRegion + targetMarketSubdivisionCode	R	R	R	R	N	N	N
	CDS Material Type	cDSMaterialType	R	R	R	R	N	N	N
Platform Type Code	Platform Type Code	platformTypeCode	N	R	N	N	N	N	N
Packaging Date	Trade Item Date On Packaging: Type Code	tradeItemDateOnPackagingTypeCode	R	R	R	R	R	R	R
	Trade Item Date On Packaging: Location	tradeItemDateOnPackagingLocation	N	R	N	N	N	N	N
Display Ready Packaging	Has Display Ready Packaging	hasDisplayReadyPackaging	N	N	R	R	R	N	N
Warning Statement Description	Warning Copy Description	warningCopyDescription	R	N	N	N	N	N	N
Price On Pack	Is Price On Pack?	isPriceOnPack	N	N	R	N	N	N	N
Security Tag Information	Security Tag Type Code	securityTagTypeCode	N	N	R	N	N	N	N
	Security Tag Location Code	securityTagLocationCode							
	Peg Hole Number	pegHoleNumber	R	N	N	N	N	R	R

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Peg Measurement Information	Peg Horizontal	pegHorizontal	R	N	N	N	N	R	R
	Peg Horizontal UOM	pegHorizontal -> measurementUnitCode							
	Peg Vertical	pegVertical	R	N	N	N	N	R	R
	Peg Vertical UOM	pegVertical -> measurementUnitCode							
Nesting	Nesting /MM	Nesting / mm	R	N	N	N	N	R	R

3.7 Logistics & Pallet

Please refer to [Ordering & Selling](#), [Pallet Information](#) and [Storage](#) in [Appendix E – Item and Price Data Examples](#) for examples of how the below attributes can be populated within the National Product Catalogue.

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Ordering Information	Order Quantity Minimum	orderQuantityMinimum	R	R	N	R	R	R	R
	Order Quantity Multiple	orderQuantityMultiple	R	R	N	R	N	R	R
Pallet Information	Quantity Of Trade Items Per Pallet Layer	quantityOfTradeItemsPerPalletLayer	R	R	R	R	R	R	R
	Quantity Of Layers Per Pallet	quantityOfLayersPerPallet	R	R	R	R	R	R	R
	Quantity Of Trade Items Per Pallet	quantityOfTradeItemsPerPallet	R	R	R	R	R	R	R
	Base Units per Pallet	baseUnitsPerPallet	R	R	R	R	R	R	R
	Pallet Height	palletHeight	R	R	R	R	R	R	R
	Pallet Width	palletWidth	R	R	R	R	R	R	R
	Pallet Depth	palletDepth	R	R	R	R	R	R	R
	Pallet Volume	palletVolume	R	R	R	R	R	R	R

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
	Pallet Net Weight	palletNetWeight	R	R	R	R	R	R	R
	Pallet Gross Weight	palletGrossWeight	R	R	R	R	R	R	R
	Pallet Pattern	palletPattern	N	R	N	N	N	N	N
Trade Item Temperature Information	Temperature Qualifier Code	temperatureQualifierCode	N	R	R	R	R	N	N
	Minimum Temperature	minimumTemperature	N	R	R	R	R	N	N
	Minimum Temperature UOM	minimumTemperature -> temperatureMeasurementUnitCode							
	Maximum Temperature	maximumTemperature	N	R	R	R	R	N	N
	Maximum Temperature UOM	maximumTemperature -> temperatureMeasurementUnitCode							
Handling Instructions	Handling Instructions Code	handlingInstructionsCodeReference	N	N	R	N	R	N	N

3.8 Dangerous Goods

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Is Trade Item a Dangerous or Hazardous Good?	Is Trade Item A Dangerous Good?	isTradeItemADangerousGood	N	N	R	R	N	N	N
	Is Trade Item A Hazardous Good?	isTradeItemAHazardousGood	N	N	R	R	N	N	N
Hazardous and Dangerous Goods Information	Dangerous Goods Regulation Code	dangerousGoodsRegulationCode	N	N	N	R	R	N	N
	Class Of Dangerous Goods	classOfDangerousGoods	R	R	R	R	R	R	R
	Dangerous Goods Packing Group	dangerousGoodsPackingGroup	R	R	R	R	R	R	R
	Dangerous Goods Hazardous Code	dangerousGoodsHazardousCode	R	R	R	R	R	R	R
	United Nations Dangerous Goods Number	unitedNationsDangerousGoodsNumber	R	R	R	R	R	R	R
	Dangerous Goods Technical Name	dangerousGoodsTechnicalName	N	N	N	R	R	N	N
	Dangerous Goods Shipping Name	dangerousGoodsShippingName	N	N	N	R	R	N	N
	Hazard Pack Type	hazardPackType	N	R	N	R	N	N	N

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
	Hazardous Identifier	hazardousIdentifier	N	R	N	R	N	N	N
	Hazardous Unit Size	hazardousUnitSize	N	R	N	R	N	N	N
	Hazardous Unit Size UOM	hazardousUnitSize -> attributeCode (UoM) + codeListNameCode = MEASUREMENT_CODE							
	Class of Dangerous Goods Subsidiary Code	classOfDangerousGoodsSubsidiaryCode	N	N	R	R	N	N	N
	Hazardous / Dangerous Packaging Type	hazardousDangerousPackagingType	N	N	R	R	N	N	N
	Hazardous / Dangerous Unit Volume	hazardousDangerousUnitVolume	N	N	R	R	R	N	N
	Hazardous / Dangerous Unit Volume UOM	hazardousDangerousUnitVolume -> attributeCode (UoM) + codeListNameCode = MEASUREMENT_CODE							
	SDS Issue Date	sdsIssueDate	N	N	R	R	N	N	N
Flash Point Information	Flash Point Temperature	flashPointTemperature	N	N	R	R	R	N	N
	Flash Point Temperature UOM	temperatureMeasurementUnitCode							
	Flash Point Type	flashPointType	N	N	R	R	N	N	N

3.9 Marketing & Warranty

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Trade Item Marketing*	Trade Item Marketing Message	tradeItemMarketingMessage	R	N	R	N	N	N	N
Price Comparison Information	Price Comparison Content Type Code	priceComparisonContentTypeCode	N	N	R	N	R	N	N
	Price Comparison Measurement	priceComparisonMeasurement	N	N	R	N	R	N	N
	Price Comparison Measurement UOM	priceComparisonMeasurement -> measurementUnitCode							

* Populate a product's Comparative Claims information into this field

3.10 Additional Product Details

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Battery Details	Battery Type	batteryTypeCode	R	N	N	N	N	N	N
Consumer Usage and Storage Instructions	Are Batteries Included?	areBatteriesIncluded	R	N	N	N	N	N	N
	Consumer Usage Instructions	consumerUsageInstructions	R	N	R	N	R	N	N
	Consumer Storage Instructions	consumerStorageInstructions	N	N	R	N	R	N	N
Trade Item Size Information	Descriptive Size	descriptiveSize	N	N	R	N	N	N	N
	Size Code Value	sizeCodeListCode -> value	N	N	R	N	N	N	N
	Size Code List Code	sizeCodeListCode	N	N	R	N	N	N	N
Trade Item Colour Information	Colour Code	colourCode -> value	N	N	R	N	N	N	N
	Colour Code List Code	colourCode -> colourCodeListCode	N	N	R	N	N	N	N
	Colour Description	colourDescription	N	N	R	N	N	N	N
Import Classification	Import Classification Value	importClassificationValue	R	R	R	N	R	R	R
	Import Classification Type Code	importClassificationTypeCode							

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Party Receiving Party Data	Party Receiving Private Data *	partyRoleCode = PARTY_RECEIVING_PRIVATE_DATA + gln	R	R	R	R	R	R	R

* Not applicable to Publisher Tool

3.11 Food, Beverage & Tobacco

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Production Variant	Production Variant Effective Date Time	productionVariantEffectiveDateTime	N	N	R	N	N	N	N
Ingredients	Ingredient Name	ingredientName	N	R	N	N	N	N	N
	Ingredient Content Percentage	ingredientContentPercentage							
	Ingredient Statement	ingredientStatement	R	N	R	N	N	N	N
Product Activity Details	Product Activity Type Code	productActivityTypeCode	N	R	N	N	N	N	N
	Product Activity Region Description	productActivityRegionDescription							
Opened Trade Item Lifespan	Opened Trade Item Lifespan	openedTradeItemLifespan	N	N	R	N	R	N	N
Preparation Type	Preparation Consumption Precautions	preparationConsumptionPrecautions	N	N	N	N	R	N	N
	Preparation Instructions	preparationInstructions	R	R	N	N	N	N	N
	Serving Suggestion	servingSuggestion	N	R	N	N	N	N	N
Physiochemical Characteristics	Physiochemical Characteristic Code	physiochemicalCharacteristicCode	N	R	N	N	N	N	N

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
	Physiochemical Characteristic Value	physiochemicalCharacteristicValue	N	R	N	N	N	N	N
	Physiochemical Characteristic Value UOM	physiochemicalCharacteristicValue -> measurementUnitCode							
Microbiological Information	Microbiological Organism Code	microbiologicalOrganismCode	N	R	N	N	N	N	N
	Microbiological Organism Maximum Value	microbiologicalOrganismMaximumValue							
	Microbiological Organism Maximum Value UOM	microbiologicalOrganismMaximumValue -> measurementUnitCode							

3.12 Nutritional

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Number of Servings Per Package	Number Of Servings Per Package	numberOfServingsPerPackage	R	N	R	N	R	N	N
Nutrient Information	Preparation State Code	preparationStateCode	R	N	R	N	R	N	N
	Nutrient Basis Quantity Type Code	nutrientBasisQuantityTypeCode	R	N	R	N	N	N	N
	Nutrient Basis Quantity	nutrientBasisQuantity	R	N	R	N	N	N	N
	Nutrient Basis Quantity UOM	nutrientBasisQuantity -> measurementUnitCode							
	Nutrient Basis Quantity Description	nutrientBasisQuantityDescription	R	N	R	N	N	N	N
	Serving Size	servingSize	R	N	R	N	N	N	N
	Serving Size UOM	servingSize -> measurementUnitCode							
Nutrient	Nutrient Type Code	nutrientTypeCode	R	N	R	N	R	N	N
	Nutrient Quantity: Measurement Precision Code	measurementPrecisionCode							

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
	Daily Value Intake Percent	dailyValueIntakePercent	R	N	R	N	R	N	N
	Daily Value Intake Percent: Measurement Precision Code	dailyValueIntakePercentMeasurementPrecisionCode	R	N	R	N	R	N	N
Nutrient Quantity	Nutrient Quantity	quantityContained	R	N	R	N	R	N	N
	Nutrient Quantity UOM	quantityContained -> measurementUnitCode							
Total Energy Declaration	Trade Item Total Energy Declaration	tradeItemTotalEnergyDeclaration	R	R	R	N	R	R	R
Gram Measure Declaration	Trade Item Gram Measure Declaration	tradeItemGramMeasureDeclaration	R	R	R	N	R	R	R
Nutritional Claim Information	Nutritional Claim	nutritionalClaim	N	N	R	N	R	N	N
	Nutritional Claim Type Code	nutritionalClaimTypeCode	R	N	R	N	R	N	N
	Nutritional Claim Nutrient Element Code	nutritionalClaimNutrientElementCode	R	N	R	N	R	N	N

3.13 Allergen

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	Spar Australia Ltd
Allergen Related Information	Allergen Specification Agency	allergenSpecificationAgency	N	N	R	N	R	N	N
	Allergen Specification Name	allergenSpecificationName	N	N	R	N	R	N	N
	Allergen Statement	allergenStatement	N	N	N	N	R	N	N
Allergen Information	Allergen Type Code	allergenTypeCode	R	N	R	N	R	N	N
	Allergen: Level of Containment Code	levelOfContainmentCode	R	N	R	N	R	N	N
Mustard	Mustard Name And Derivative	mustardNameAndDerivative	N	R	N	N	N	N	N

3.14 Additive

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	SPAR Australia Ltd
Additive Information	Additive Name	additiveName	N	R	N	N	N	N	N

3.15 Diet

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	SPAR Australia Ltd
Diet Type Information	Diet Type Code	dietTypeCode	R	N	N	N	R	N	N
	Diet Type Description	dietTypeDescription	N	R	N	N	N	N	N
Diet Certification	Diet Certification Agency	dietCertification -> certificationAgency	N	N	N	N	R	N	N
	Diet Certification Value	dietCertification -> certificationValue	N	N	N	N	R	N	N

3.16 Consumer Marketing (Label)

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	SPAR Australia Ltd
Country of Origin Labelling	Labelling Logos	labellingLogos	R	R	R	R	N	R	R
	Labelling Country of Origin	labellingCountryOfOrigin	R	R	R	R	N	R	R
	Labelling Ingredient Statement	labellingIngredientStatement	R	R	R	R	N	R	R
	Labelling Packed Statement	labellingPackedStatement	R	R	R	R	N	R	R
	Labelling Australian Content Percentage	labellingAustralianContentPercentage	R	R	R	R	N	R	R
	Labelling Product Name	labellingProductName	R	R	R	R	N	R	R
	Labelling Additional Phrase	labellingAdditionalPhrase	R	R	R	R	N	R	R
	Labelling Get Details	labellingGetDetails	R	R	R	R	N	R	R
Referenced File Information	Referenced File Type Code	referencedFileTypeCode	N	R	N	R	N	N	N
	File Name	fileName	N	R	N	R	N	N	N
	Uniform Resource Identifier	uniformResourceIdentifier	N	R	N	R	N	N	N
	File Effective Start Date Time	fileEffectiveStartDateTime	N	R	N	N	N	N	N

3.17 Additional Packaging & Labelling

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	SPAR Australia Ltd
Packaging Manufacturing Process	Packaging Manufacturing Process	packagingManufactureProcess	N	R	N	N	N	N	N
Labelling Claims	Labelling Claims	labellingClaims	N	R	N	N	N	N	N

3.18 Foods Requiring Pre-Market Clearance

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA) (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	SPAR Australia Ltd
Packaging Marked Label Accreditation Code	Packaging Marked Label Accreditation Code	packagingMarkedLabelAccreditationCode	N	R	N	N	N	N	N

3.19 Additional Product Information

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	SPAR Australia Ltd
Product State	Product State	productState	N	R	N	N	N	N	N
Thawed Product Related Information	Shelf Life after been Thawed	shelfLifeAfterThawedBack	N	R	N	N	N	N	N
Weight of Oils Present	Weight in Grams of Oil Present	weightOfOilPresent	N	R	N	N	N	N	N
Residual Alcohol Amount	Residual Alcohol Amount	residualAlcoholAmount	N	R	N	N	N	N	N

3.20 Liquor

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	SPAR Australia Ltd
Percentage of Alcohol by Volume	Percentage of Alcohol by Volume	percentageOfAlcoholByVolume	N	N	N	N	R	N	N

3.21 Hierarchies

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	SPAR Australia Ltd
Child GTIN Information	Child GTIN	childTradeItem -> gtin	R	R	R	R	R	R	R
	Child Quantity	quantityOfNextLowerLevelTradeItem							

3.22 Price Attributes

Please refer to [Price Data Examples](#) in [Appendix E – Item and Price Data Examples](#) for examples of how the below attributes can be populated within the National Product Catalogue.

Information Requirement	NPC Label Name	GDSN Attribute Name	Coles	Metcash (IGA)	Woolworths	Drakes Supermarket	Ausfec (The Distributors)	Netget (IR Exchange)	SPAR Australia Ltd
Basic Price Type Information	Price Type ID	itemPriceTypeSegmentation -> entityIdentification	Y	Y	Y	N	N	Y	Y
	Price Action Code	priceActionCode	Y	Y	Y	N	N	Y	Y
	Price Type Code	priceTypeCode	Y	Y	Y	N	N	Y	Y
	Price Type Description	priceTypeDescription	R	R	R	N	N	R	R
	Recipient GLN	partyReceivingPrivateData -> gln	Y	Y	Y	N	N	Y	Y
	Relationship ID	priceSynchronisationRelationshipIdentification -> entityIdentification	Y	Y	Y	N	N	Y	Y
	Price Action Reason	priceActionReason	Y	Y	Y	N	N	Y	Y

	Price Value	priceValue	Y	Y	Y	N	N	Y	Y
	Price Value Type	priceValueType	Y	Y	Y	N	N	Y	Y
	Price Basis Quantity	priceBasisQuantity	Y	Y	Y	N	N	Y	Y
	Price Basis Quantity / UOM	priceBasisQuantity -> measurementUnitCode							
	Target Price ID*	targetPriceType -> entityIdentification	R	R	R	N	N	R	R
State/Region	Target Market Subdivision	priceTargetMarketSubdivision	R	R	R	N	N	R	R
Alternate Location	Alternate Location Grouping	alternateLocationGrouping	R	R	R	N	N	R	R
Distribution Method	Distribution Method Code	distributionMethodCode	Y	Y	Y	N	N	Y	Y
Price Dates	Effective Start Date Time	effectiveStartDateTime	Y	Y	Y	N	N	Y	Y
	Effective Start Date Context Code*	effectiveStartDateContextCode	Y	Y	Y	N	N	Y	Y

*Not applicable to Publisher Tool UI

* Not applicable to Publisher Tool UI

	Effective End Date Time	effectiveEndDateTime	R	R	R	N	N	R	R
	Effective End Date Context Code*	effectiveEndDateContextCode	R	R	R	N	N	R	R
	Price Type Last Changed Date Time	priceTypeLastChangedDateTime	Y	Y	Y	N	N	Y	Y
Reference Document Information	Reference Document ID	referenceDocumentIdentifier	N	N	R	N	N	N	N
	Reference Document Description	referenceDocumentDescription	N	N	R	N	N	N	N
Price Type Application Sequence	Price Type Application Sequence	priceTypeApplicationSequence	Y	Y	Y	N	N	Y	Y

4.0 BECOMING NATIONAL PRODUCT CATALOGUE READY

4.1 Data Quality Review

After populating all Item and Price Information, Publishers' should contact their CSA and request that their catalogue be validated to be declared NPC Ready. There may be more than one validation required and with each validation there will be corrections that need to be made to the data.

4.2 Publishing Data to Grocery Recipients

A CSA will complete the 'initial catalogue publication' to the Grocery Recipients to give them access to all the Publisher's data (Item & Recipient specific pricing) before sending out the NPC Ready Alert.

For subsequent Ready processes, the CSA will only perform this task if publishing the entire catalogue. If only a subset of the catalogue requires publishing to a new Recipient, the Publisher will be responsible for completing this step.

All on-going publication of additional items will need to be managed by the Publisher except where Auto-Publication has been selected.

Note 1: For larger catalogues (2500 plus GTINs) the publication process (initial and ongoing) and updates to data there onwards must be supported by NPC Customer Support Team. Publisher will need to contact their CSA and inform them when such activity is due to take place.

Note 2: Middleware users, this step will be completed by their middleware provider if loading data on their behalf.

Note 3: Auto-publication feature will be switched on as a part of the Ready process (exceptions apply to Middleware users).

4.3 Good and Services Tax (GST)

The goods and services tax (GST) classifications for all food and beverage products are subject to approval by the Australian Taxation Office (ATO). Loading of such products onto the NPC will automatically be sent to the ATO for GST approval.

ATO Process:

- GS1 Australia provide the ATO with a list of items loaded into the National Product Catalogue that have yet to be granted ATO approved status.
- The ATO reviews the items and allocates either an approved or unapproved status to each item. The updated list is then forwarded to GS1 Australia.
- For all ATO approved items, the ATO status within the National Product Catalogue is updated.
- For all non-ATO approved items, an automatically generated email is sent to the nominated Taxation contact. The email includes the GTIN, GTIN Description, GST Rate and GST Free to End Consumer (FEC) value.
- Suppliers with an unapproved ATO status may choose to:
 - Update the item within the National Product Catalogue after reviewing the GST rate or FEC value. As the item has not been previously granted an ATO approved status, the item will be re-submitted to the ATO as part of the normal approval process.
 - Contact the ATO to query the unapproved status. Following discussions with the ATO, the Publisher and the ATO may agree:
 - Publisher to update the item within the National Product Catalogue. As the item has not been previously granted an ATO approved status, the item will be re-submitted to the ATO as part of the normal approval process.
 - Publisher does not need to update the item within the National Product Catalogue. To re-submit the item to the ATO, the Publisher must contact GS1 Data & Digital Content Services Team who will then 'flag' the item for resubmission. The item will be re-submitted to the ATO as part of the normal approval process

4.4 Start the Synchronisation Process with Grocery Recipients

A CSA will verify that the Publisher have completed all steps to become NPC Ready by sending a **NPC Alert** to the NPC community, advising them the Publisher that they are NPC Ready.

The Grocery Recipient will contact the Publisher to begin the process of synchronising the catalogue on their system. The process varies for each Data Recipient. Please confirm the process with them.

Please note, it is important to establish processes within the business to ensure that the product catalogue is successfully maintained on an ongoing basis.

5.0 CONTACT US

If you have questions or require assistance, please contact the NPC Customer Support Team on 1300 227 263 or NPCCustomerSupport@gs1au.org

APPENDIX A – National Product Catalogue Concepts and Key Terminology

This section contains terms and concepts that are deemed useful for Publishers loading data onto the NPC.

ATTRIBUTE

A piece of information reflecting a characteristic related to an item or price – for example: a trade item description or expiry date.

BASE UNIT

Lowest level of the trade item hierarchy — a base unit trade item cannot have child items. The base unit is usually also the consumer unit, i.e. goes through retail point of sale; although not always.

CASE

Normally the highest level of the trade item hierarchy for the NPC Australian community. This is commonly known as the “Shipper” or “Outer” and is often flagged as the Orderable Unit.

CATALOGUE REGISTRATION

Applying for an NPC account to add and maintain data for release to the Recipients.

CERTIFIED DATA POOL

GS1 certified data pools are electronic catalogues of standardised item master data. They can serve both as a source and recipient of master data, and can be run by a GS1 Member Organisation or a service provider.

These data pools conform to GS1 System standards around confidentiality and integrity of user information, global interoperability, Global Validation Rules, and global search functionality.

CERTIFIED (NATIONAL PRODUCT CATALOGUE) PRODUCT PROVIDERS

Sometimes referred to as “middleware”, NPC Certified Product Providers (CPPs) can assist with maintaining and uploading data onto the NPC. The Product Providers have a NPC Certified Product, sometimes referred to as a middleware product which will assist with data maintenance. Partners may also create a customised solution that fully integrates with the Publisher’s/Recipient’s internal systems.

DATA SYNCHRONISATION

Data Synchronisation is the continuous and automated exchange of item and price master data between and within organisations. Synchronised data eliminates errors

in data alignment between Publishers and Recipients, which ensures accurate data in transactions and thus creates supply chain information efficiencies.

GLN

The GS1 Identification Key used to identify physical locations or legal entities. The key is comprised of a GS1 Company Prefix, Location Reference, and Check Digit. The Global Location Number (GLN) is used to uniquely identify a physical location or legal entity. GLNs can be used to identify a supplier, a retailer, a health jurisdiction, an area health service, a state health jurisdiction or a hospital.

GLOBAL DATA SYNCHRONISATION NETWORK (GDSN)

The GS1 Global Data Synchronisation Network (GDSN) is an automated, standards-based global environment that enables secure and continuous data synchronisation, allowing all partners to maintain consistent item data in their systems. The GS1 GDSN connects Retailers to the GS1 Global Registry® through their selected GDSN-certified data pools.

GLOBAL REGISTRY

Stores details of all parties and items on GDSN certified data pools. It performs a key role in the GDSN network architecture.

Products are checked against a global listing of GTIN/GLN/Target Market information to ensure that no product within the Global Registry is duplicated.

GLOBAL TRADE ITEM NUMBER (GTIN)

All products in the NPC are identified with a Global Trade Item Number (GTIN). This is the unique identifier (usually represented as a bar code printed on the product's packaging) assigned by the product brand owner or supplier from the GS1 Company Prefix allocated by any GS1 Member Organisation. The GTIN is also used to identify inner packs, multi packs and shippers as it is a unique identifier for each level of a Trade Item Hierarchy.

GUI – GRAPHICAL USER INTERFACE

Graphical User Interface which allows users to enter/view data online on the NPC.

ITEM MASTER DATA

Data attributes providing general information about an item such as description, dimensions, and classification codes. This information can be shared with all the Recipients and remains relatively static.

MIDDLEWARE

NPC Certified Product Providers (CPPs) can assist with maintaining and uploading data onto the NPC for Publishers. The Product Providers have a GS1 Australia certified product, sometimes referred to as a middleware product which will assist with data maintenance. Partners may also create a customised solution that fully integrates with Publisher's/Recipient's internal systems.

NATIONAL PRODUCT CATALOGUE ITEM/PRICE DATA DICTIONARY

The Data Dictionary contains detailed definitions and usage instructions for all attributes within the NPC Data Model - for example: GTIN, GLN, and Price Value. An attribute can be classified as a party, item or price related attribute. The documentation includes all attribute information used within the Australia and New Zealand community. Note that it does not include all attributes in the Global Data Synchronisation Network (GDSN).

NATIONAL PRODUCT CATALOGUE LIVE

Recipients will declare a Publisher as "NPC Live" if the below conditions are met:

- The Publisher has already been declared NPC Ready
- The data is in parity. No discrepancies between the NPC and their internal systems
- The Recipient has subscribed to the Publisher's catalogue

NATIONAL PRODUCT CATALOGUE READY

NPC Ready is a term used to describe the process that a Publisher undertakes with GS1 Australia / New Zealand to load, validate, and publish Item and pricing information on the NPC for every new Recipient that the Publisher is trading to. This process ensures that the data being loaded is complete, up to date, accurate, standardised, and that it satisfies all the NPC data validation rules.

Each industry and Target Market (AU / NZ) can have slightly different requirements for achieving this status.

- Please note, dependent on the Industry sector, a "Re-Ready" may occur. A CSA from the NPC Customer Support Team will contact the Publisher if required.

PACK OR INNER PACK

Intermediate Unit which is usually represented as a package within the Case (outer most level).

PRICING MASTER DATA

Data attributes providing the price of an item, the place/location where the price applies as well as charges and allowances. This information is private per Recipient and dynamic in nature i.e. typically changes over time.

PUBLICATION

Publishers publish the data to target recipient. This is normally the last step for Publishers. When publication is successful and the Recipient has subscribed to Publishers' data, the Recipient can then view the Publisher's item and price (if applicable) information.

[TARGET DATA SET](#)

This document contains data requirements for all NPC supported Industries (Grocery, Liquor, Healthcare, Office Supplies, and Hardware).

[Chapter 3.0 Identify Data Requirements](#) is derived from the Target Data Set document.

Publishers loading data to multiple Industry Sectors can refer to the Target Data Set. Alternatively, Publishers can refer to the relevant Implementation Guide.

TARGET MARKET

The target market is the geographic location where the Publisher makes the Item available to Recipients. Note that this indicator does not in any way govern where the Recipients may sell the item to customers.

TRADE ITEM

A trade item is any item (product or service) 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. Trade Items are allocated a Global Trade Item Number (GTIN); this is the recommended primary item identifier and is part of the key for every trade item record in the NPC.

TRADE ITEM HIERARCHY

A group of related trade items, in a parent-child relationship, a trade item hierarchy is sometimes referred to as a "product hierarchy". A three-level trade item hierarchy is generally composed of a Base Unit, an Inner Pack, and a Case. The Case is parent of the Inner Pack whereas the Inner Pack is the parent of the Base Unit. Two-level hierarchies are also common, having no inner pack level, i.e. only consisting of a Case and Base Units. Some trade item hierarchies have a common base unit, such as a single 250ml can packed into both a case of 24 and a case of 48.

UOM

Acronym for Unit of Measure.

(Return to [1.1 What is National Product Catalogue?](#))

APPENDIX B – Item Data Definitions

The following are definitions of Item attributes. For further details, please refer to the full Item Data Dictionary in the Cookbook: [Item Data Dictionary](#)

Attributes that require a specific code populated will have a “Y” indicated within the Code List column: [Code Lists](#)

Attribute name	Code List	Definition
ADDITIONAL TRADE ITEM CLASSIFICATION CODE DESCRIPTION	N	Description of the additional classification bundle (code/agency + description)
ADDITIONAL TRADE ITEM CLASSIFICATION CODE VALUE	N	Category code based on alternate classification schema chosen in addition to GS1 classification.
ADDITIONAL TRADE ITEM CLASSIFICATION SYSTEM CODE	Y	The Classification System for the Additional Trade Item Classification. Required if Additional Trade Item Classification Code Value or Additional Trade Item Classification Code Description is populated. Example: Use code '5' for UNSPSC Code.
ADDITIONAL TRADE ITEM CLASSIFICATION VERSION	N	The identification of a release of a product classification. When attribute 'Additional Trade Item Classification System Code' = '5' (UNSPSC), the classification version refers to a UNSPSC version.
ADDITIONAL TRADE ITEM IDENTIFICATION TYPE	Y	Additional variants necessary to communicate to the industry to help define the product (repeatable as a group with Additional Trade Item Identification Value). Example: SUPPLIER_ASSIGNED
ADDITIONAL TRADE ITEM IDENTIFICATION VALUE	N	An internal reference or model number of your trade item (repeatable as a group with Additional Trade Item Identification Type).
ADDITIVE NAME	Y	The name of any additive or genetic modification contained or not contained in the trade item. Level Of Containment must be populated when Additive Name is populated.

Attribute name	Code List	Definition
		<p>A fixed structure is to be used for all occurrences of Additive Name, if a particular additive does not have a corresponding value then leave the value blank but include the delimiter ";"</p> <p>Type: The type of additive (refer code list)</p> <p>Name: The Common use name for the additive</p> <p>Number: If applicable</p> <p>Use: The permitted use of the Additive</p> <p>Amount: The amount of the additive that has been included</p> <p>Example: Smoke Flavouring;Chickory;;;2mg; This indicates there is no number assigned to the flavouring and no requirement for permitted use.</p>
ALLERGEN: LEVEL OF CONTAINMENT CODE	Y	<p>Attribute Level of Containment is associated with both Allergen and Additive details.</p> <p>Allergen Information: The declaration as to the presence of the Allergen Type within the ingredient. Required when 'Allergen Type Code' is populated. Level of Containment Code may be repeated as a 'group' with attributes 'Allergen Type Code', 'Allergen Specification Agency' and 'Allergen Specification Name'</p>
ALLERGEN SPECIFICATION AGENCY	N	<p>Conditionally required with attributes 'Allergen Type Code', 'Allergen Specification Name' and 'Level Of Containment Code' (can be repeated as a 'group'). When populated, enter value 'FSANZ'.</p> <p>Note: 'FSANZ' = Food Standards Australia New Zealand</p>
ALLERGEN SPECIFICATION NAME	N	<p>Conditionally required with attributes 'Allergen Type Code', 'Allergen Specification Agency' and 'Level Of Containment Code' (can be repeated as a 'group'). When populated, enter phrase 'Australia New Zealand Food Standards Code'.</p>
ALLERGEN STATEMENT	N	<p>In Australia, allergen statements are used to declare to the consumer warnings and other health related information. This could also include Advisory Statements, advice that is required to be declared under the Food Standards Code</p> <p>Level of Containment codes:</p>

Attribute name	Code List	Definition
		<p>CONTAINS FREE_FROM MAY_CONTAIN</p> <p>Examples:</p> <ul style="list-style-type: none"> Bee Pollen;CONTAINS;Bee Pollen is present in this product Propolis;CONTAINS;Propolis presented as a food and ingredient <p>Industry Sector or Recipient Specific Requirements:</p> <p>Metcash: Require allergen statement to conform with 'recommended' construction</p>
ALLERGEN TYPE CODE	Y	<p>Code indicating the type of allergen. The valid value code refers to the presence of materials in the item, as listed in the regulations specified in allergenSpecificationAgency and allergenSpecificationName.</p> <p>Conditionally required with attributes 'Allergen Specification Name', 'Allergen Specification Agency' and 'Level Of Containment Code' (can be repeated as a 'group').</p>
BASE UNITS PER PALLET	N	The total number of base units contained on the pallet.
BRAND NAME	N	The Brand Name is the distinctive name of a product, the word part of a trademark, or the name of the manufacturer. This is the recognisable name used by a brand owner to uniquely identify a line of trade item or services. This name is recognizable by the consumer. If the item does not have a brand, enter the Company Name.
BRAND OWNER GLN	N	<p>The brand owner is the source of the data related to the trade item, but is not necessarily responsible for providing and maintaining the data in the Catalogue — that is the responsibility of the Publisher.</p> <p>The Brand Owner may or may not be the same as the Publisher. Can also be a Distributor or Retailer that licenses a brand name to various private label</p>

Attribute name	Code List	Definition
		<p>manufacturers. If a private-label item, enter the Retailer's GLN for this attribute.</p> <p>Example:</p> <p>Smith Distribution sells floor tiles manufactured by Long Flooring. Long Flooring owns the brand and is the source of the data relating to the trade item, but is not responsible for providing and maintaining Catalogue data, Smith Distribution is. Therefore, Smith Distribution is the Publisher, and Long Flooring is the brandOwner.</p>
BRAND OWNER NAME	N	<p>The brand owner is the source of the data related to the trade item, but is not necessarily responsible for providing and maintaining the data in the Catalogue - that is the responsibility of the Publisher.</p> <p>The Brand Owner may or may not be the same as the Publisher. Can also be a Distributor or Retailer that licenses a brand name to various private label manufacturers. If a private-label item, enter the retailer's name for this attribute.</p> <p>Example:</p> <p>Smith Distribution sells floor tiles manufactured by Long Flooring. Long Flooring owns the brand and is the source of the data relating to the trade item, but is not responsible for providing and maintaining Catalogue data, Smith Distribution is. Therefore, Smith Distribution is the Publisher and Long Flooring is the brand owner.</p>
CDS MATERIAL TYPE	Y	Material of the item that is participating in the Container Deposit Scheme
CHILD GTIN	N	<p>Required for all units except Base Units.</p> <p>This is the GTIN for the next lower-level trade item in the hierarchy.</p> <p>For base units, this field must be null.</p> <p>For inner packs, the child GTIN is the GTIN of the Base Unit.</p> <p>For Cases, the child GTIN is the GTIN of the Inner pack (Three level hierarchy) or the GTIN of the Base Unit (two level hierarchy).</p> <p>For Multipacks, the field Child GTIN must be repeated.</p>

Attribute name	Code List	Definition
		<p>Example:</p> <p>A 3 level product hierarchy exists for Dandy Mineral Water 500ml.</p> <p>GTIN Base Unit: 09312345678921 - Dandy Mineral Water 500ml</p> <p>GTIN Inner Pack: 19312345678928 - Dandy Mineral Water 500ml x 6</p> <p>GTIN Case: 29312345678925 - Dandy Mineral Water 500ml x 6 x 4</p> <p>The <u>Child GTIN of the Base Unit</u> must be NULL.</p> <p>The <u>Child GTIN of the Inner Pack</u> is 09312345678921 (Base Unit).</p> <p>The <u>Child GTIN of the Case</u> is 19312345678928 (Inner Pack).</p>
CHILD QUANTITY	N	<p>Required for all units except Base Units.</p> <p>This is the number of Child GTINs.</p> <p>For base units, this field must be null.</p> <p>For inner packs, the Child GTIN Quantity is the number of Base Units.</p> <p>For Cases, the child GTIN quantity is the number of Inner Packs (Three level hierarchy) or the number of Base Units (two level hierarchy).</p> <p>For Multipacks, the field Child GTIN quantity must be repeated.</p> <p>Example:</p> <p>A 3 level product hierarchy exists for Dandy Mineral Water 500ml.</p> <p>GTIN Base Unit: 09312345678921 - Dandy Mineral Water 500ml</p> <p>GTIN Inner Pack: 19312345678928 - Dandy Mineral Water 500ml x 6</p> <p>GTIN Case: 29312345678925 - Dandy Mineral Water 500ml x 6 x 4</p> <p>The <u>Child Quantity of the Base Unit</u> must be NULL.</p> <p>The <u>Child Quantity of the Inner Pack</u> is 6 Base Units.</p>

Attribute name	Code List	Definition
		The <u>Child Quantity of the Case</u> is 4 Inner Packs.
CLASS OF DANGEROUS GOODS	N	<p>Dangerous goods classification of the trade item. Dangerous good or hazardous attributes relate to supply chain handling, e.g., transport, storage handling.</p> <p>The "Class" number explains, in general terms, the nature and properties of the goods and classifies them by significant risk. There are approximately 9 danger classes; some classes are further subdivided into subclasses.</p> <p>GS1 recommends using the 16th edition of the UN Recommendations on the Transport of Dangerous Goods (published in 2009).</p> <p>Example:</p> <p>2.2 (Non-Flammable, Non-toxic gases) for Fire Extinguisher Dry Powder</p>
CLASS OF DANGEROUS GOODS SUBSIDIARY CODE	Y	<p>Allows a second Class of Dangerous Goods to be recorded in the system.</p> <p>Example:</p> <p>6.1 (TOXIC SUBSTANCES)</p>
COLOUR CODE	N	<p>Required when any of the other colour attributes are populated. Value from an industry-specific list identifying the colour of the trade item. No ISO standards exist - each industry determines which code agency to use.</p> <p>Example:</p> <p>127 is "Meadow Green" – Colour code agreed between trading partners.</p>
COLOUR CODE LIST CODE	Y	<p>Required when any of the other colour attributes are populated. The agency from which the colour code was selected.</p> <p>Example:</p> <p>7 - Assigned by Manufacturer</p>
COLOUR DESCRIPTION	N	<p>Required when any of the other colour attributes are populated. Text description of the colour.</p> <p>Example:</p> <p>Meadow Green or Dark Burgundy</p>
COMMUNITY VISIBILITY DATE TIME	N	<p>The date which triggers the release and availability of the basic Item Data in the NPC GTIN Search Feature and Trusted Data Service.</p>

Attribute name	Code List	Definition
CONSUMER STORAGE INSTRUCTIONS	N	<p>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.</p> <p>Instructions may refer to a suggested storage temperature, a specific storage requirement.</p> <p>Examples:</p> <ul style="list-style-type: none"> • Refrigerate After Opening • Consume within 4 days • Keep Out Of Direct Sunlight <p>Industry Sector or Recipient Specific Requirements:</p> <p>Woolworths/Progressive:</p> <p>This field is conditionally mandatory when any attributes are used in the Food and Beverage extension. If populated, required to be one of the following:</p> <ul style="list-style-type: none"> • 'Keep Refrigerated 0 to 4 Deg C' • 'Keep Refrigerated 1 to 4 Deg C' • 'Shelf stable at ambient temperature' • 'Store in dry cool place'
CONSUMER USAGE INSTRUCTIONS	N	<p>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.</p> <p>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.</p> <p>Examples:</p> <ul style="list-style-type: none"> • Ready to eat • Cook from frozen, deep fry for 2-3 minutes on 180 degrees Celsius • Thawed for your convenience, do not refreeze after thawing
COUNTRY OF ORIGIN STATEMENT	N	<p>To replicate the country of origin available on a product's packaging the provision of a full statement is needed.</p> <p>Example:</p> <ul style="list-style-type: none"> • Imported • Made in Australia • Made in New Zealand • Made in Australia from local and imported ingredients • Made in New Zealand from local and imported ingredients • Product of Australia

Attribute name	Code List	Definition
		<ul style="list-style-type: none"> Product of New Zealand Australian Grown
DAILY VALUE INTAKE PERCENT	N	<p>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.</p> <p>Attributes Preparation State Code, Measurement Precision Code and Nutrient Type Code are system mandatory when Daily Value Intake Percent is populated.</p> <p>Percentage of Daily Value Intake can be repeated as a 'group' with attributes 'Nutrient Type Code', 'Quantity Contained / UOM' and 'Measurement Precision Code'</p> <p>Example: 10.36 (%).</p>
DAILY VALUE INTAKE PERCENT: MEASUREMENT PRECISION CODE	Y	<p>Code indicating whether the specified daily value intake percent is exact, approximate or less than.</p> <p>Example: APPROXIMATELY</p>
DANGEROUS GOODS HAZARDOUS CODE	N	<p>Dangerous goods hazard ID number, must be applied to the vehicle when transporting this trade item by road or rail, to inform the police, the fire brigade, and others about the kind of danger that the cargo can cause in an accident.</p>
DANGEROUS GOODS PACKING GROUP	N	<p>Degree of risk the dangerous goods present during transport as per IATA/IMDG/ADR/RID regulations. Some valid values are</p> <ul style="list-style-type: none"> I — Great danger. Packaging meets criteria for materials that are very dangerous to pack. Group I as per IATA/IMDG/ADR/RID regulations. II — Medium danger. Packaging meets criteria for materials with medium danger. Group II as per IATA/IDMG/ADR/RID regulations. III — Minor danger. Packaging meets criteria for materials with minor danger. Group III as per IATA/IDMG/ADR/RID regulations. <p>This attribute can repeat in a group of the dangerous good or hazardous attributes that are required together, if the Dangerous Goods Regulation Code is unique for each repeated group. Dangerous good or hazardous attributes relate to supply chain handling, e.g., transport, storage handling.</p>

Attribute name	Code List	Definition
DANGEROUS GOODS REGULATION CODE	Y	Code indicating the classification system(s) of dangerous goods or the Agency(ies) responsible for it. Various systems exist and are used for hazard classification and identification (ADR, RID, US49, IATA, etc.)
DANGEROUS GOODS SHIPPING NAME	N	Shipping name of the trade item (dangerous goods). The recognized agencies, in their regulations, provide a list of all acceptable shipping names. Example: Flammable Liquid
DANGEROUS GOODS TECHNICAL NAME	N	Chemical term of the trade item as listed in the substance list of GGVS (Dangerous Goods Ordinance for Roads) or GGVE (Dangerous Goods Ordinance for Rail). List the technical names in the order that they contribute to the danger from highest to lowest, e.g., main hazard, not necessarily the highest concentration. Example: Trinitrochloro-benzene (picryl chloride), wetted.
DECLARED WEIGHT/VOLUME / UOM	N	The numeric value of the Declared Weight or Volume of a product. Example: Declared weight on a sack of potatoes 4 KGM – Declared weight is 4 kilograms
DESCRIPTIVE SIZE	N	A descriptive size, other than net content, as labelled on consumer unit. Example: Maxi, Jumbo, Mini, 7, 10, small
DIET CERTIFICATION AGENCY	N	Name of organisation defining the requirements for diet claims. Diet Type Code and Diet Certification Value are required when Diet Certification Agency is populated. Diet Certification Agency can be repeated as a 'group' with attributes Diet Certification Value and Diet Type Code. Examples: Halal Australia Kosher Australia Australian Certified Organic Australian Vegetarian Society

Attribute name	Code List	Definition
DIET CERTIFICATION VALUE	N	<p>The certification number associated to the applicable diet.</p> <p>Diet Type Code is required when Diet Certification Value is populated.</p> <p>Diet Certification Value can be repeated as a 'group' with attributes Diet Certification Agency and Diet Type Code.</p>
DIET TYPE CODE	Y	<p>Code indicating the diet the product is suitable for. Diet Type Code can be repeated as a 'group' with attributes Diet Certification Agency and Diet Certification Value.</p> <p>Examples:</p> <p>HALA</p> <p>KOSHER</p> <p>VEGAN</p> <p>VEGETARIAN</p>
DIET TYPE DESCRIPTION	N	Free text for indication of diet not stated in the list of Diet Type Codes.
DOES PRODUCT REQUIRE PRE MARKET CLEARANCE	Y	<p>This flag is used to indicate if the Trade Item requires pre market clearance due to inclusion of GM products / Ingredients or other Quarantine requirements / issues.</p> <p>Valid values are Y (Yes), N (No) or blank (Not supplied)</p> <p>Example:</p> <p>Y - Yes</p>
DUTY FEE TAX AGENCY CODE	Y	Identifies the agency responsible for the tax code list. For the Australian community, the valid agency codes are ATO – Australian Taxation Office.
DUTY FEE TAX EXEMPT PARTY ROLE CODE	Y	The party role (e.g. Consumer) that is exempt from a specific tax duty or fee. For the Australian community, the only valid code is CONSUMER. The tax attributes are repeatable as a group. Example: Prepared Medicines (where the single active ingredient is Paracetamol) attract GST throughout the supply chain but free to end consumer (FEC)
DUTY FEE TAX RATE	N	The current tax or duty rate percentage applicable to the trade item. The tax attributes are repeatable as a group. If your Target Market Country Code is 036 (Australia), the Duty Fee Tax Rate must be populated.
DUTY FEE TAX TYPE CODE	Y	<p>Identification of the type of duty or tax or fee applicable to the trade item. This will vary by target market. The tax attributes are repeatable as a group</p> <p>Example:</p>

Attribute name	Code List	Definition
		WET
DUTY FEE TAX TYPE DESCRIPTION	N	Enter the applicable description for the Duty Fee Tax Type Code. The tax attributes are repeatable as a group. Example: Wine Equalisation Tax
EFFECTIVE DATE TIME	N	Date and time when the current attributes of the trade item become valid. This date can be used for the initial trade item offering or to indicate when a change in item information takes effect. The Effective Date Time can be different from Publication Date Time.
END AVAILABILITY DATE TIME	N	The date when the trade item is no longer available from the Supplier (information provider), including seasonal or temporary trade item and services. Only populate when end availability date is known.
FILE EFFECTIVE START DATE TIME	N	Date and time when the file contents become valid. For example, if the file contains an instruction or assembly manual, the manual may not be valid until the item is available. Example: 2009-01-01T00:00:00 Note: Date/time input format may vary from the above; Publishers should verify date/time input formats with their National Product Catalogue product provider.
FILE NAME	N	The name of the file that contains the external information.
FIRST ORDER DATE TIME	N	The earliest date that an order can be placed for the trade item.
FLASH POINT TEMPERATURE / UOM	Y	The lowest temperature at which the substance gives off a sufficient vapour to support combustion. Remember to enter/select the unit of measure (UOM). Valid UOM values are CEL — Degrees Celsius (Centigrade) Dangerous good or hazardous attributes relate to supply chain handling, e.g., transport, storage handling. Note: If this attribute is populated, all other Dangerous Good / Hazardous attributes are required. Example: Fire Extinguisher Dry Powder – 79 CEL

Attribute name	Code List	Definition
FLASH POINT TYPE	Y	Used to determine the type of Flash Point applicable to the item. Example: DNB – Does Not Burn
FULL DESCRIPTION	N	Additional text required to extend the full description of the trade item. Use this attribute to supply additional product details which could not be included in the Additional Trade Item Description. Example: Product is supplied in bulk in a state that can be on packed for consumer sales or used in further processing to produce an alternate finished product.
FUNCTIONAL NAME	N	Describes use of the product or service by the consumer. Should help clarify the product classification associated with the GTIN.
GLOBAL PRODUCT CLASSIFICATION (GPC) CATEGORY CODE	Y	<p>GPC codes are mandatory for the NPC as they are a key component of the GDSN. The GPC code is an 8-digit code that is used to classify your products. Classification must be at the Brick level.</p> <p>Example: Classify Beer Segment = Food/Beverage/Tobacco = 50000000 Family = Beverages = 50200000 Class =Alcoholic Beverages = 50202200 Brick = Beer = 10000159</p> <p>The Brick level to be populate is 10000159.</p> <p>Access to the GPC codes can be gained through the following link: http://www.gs1.org/gsmp/kc/gpc</p> <p>The category code for the lowest category level (brick) must be selected.</p> <p>Any classification higher than brick level is not allowed on the NPC.</p> <p>For more information on the GPC codes view: http://www.gs1.org/gdsn/gpc</p>
GLOBAL TRADE ITEM NUMBER (GTIN)	N	A numerical value that uniquely identifies a trade item - GTIN – Global Trade Item Number – This is the barcode number on the product.

Attribute name	Code List	Definition
		Valid GTINs in the NPC are: GTIN-13, GTIN-8, GTIN-14, GTIN-12. For more information, please visit: http://www.gs1.org/gtinrules/index.php/p=overview
GTIN OF BASE UNIT	N	A reference to the GTIN of the lowest level of product contained within this product's family hierarchy. Only required where item is not a base unit.
HANDLING INSTRUCTIONS CODE	Y	Code that defines the processes required to safely handle the trade item. Notes: There is no GDSN-defined code list for this attribute. A list of commonly used codes has been included within the NPC Code List document.
HAS BATCH NUMBER	Y	Specify if the base trade item has a batch number or lot number. A batch or lot number is a manufacturer-assigned code that identifies a trade item's trade item on batch or lot. It differs from a Serial Number, which is a manufacturer-assigned code during the trade item on cycle to identify a unique trade item. Valid values are true (Yes), false (No) or blank (Not supplied) Example: true - Yes
HAS DISPLAY READY PACKAGING	Y	Specify if the trade item has display-ready, i.e., shelf-ready or retail-ready, packaging. Display-ready packaging can be exhibited on the floor, a shelf or other location. It may or may not require some modifications, e.g., to raise a flap. Valid values are TRUE, FALSE, NOT_APPLICABLE & UNSPECIFIED Industry Sector or Recipient Specific Requirements: Woolworths/Progressive Must NOT be a CONSUMER unit. If populated then attribute 'Units in width of Layer' is conditionally required. Can only be indicated on a 'single' level in any given hierarchy – this would normally be the INNER_PACK
HAZARDOUS / DANGEROUS PACKAGING TYPE	Y	Packaging type for the Hazardous / Dangerous item. Example: BTL - Bottle

Attribute name	Code List	Definition
HAZARDOUS / DANGEROUS UNIT VOLUME /UOM	Y	Hazardous / Dangerous volume of the item unit. Example: 500 MLT (Millilitre)
HAZARDOUS IDENTIFIER	Y	This attribute is used to identify the type of Hazardous product been transported. Select from the code list. Example: M - Matches
HAZARDOUS UNIT SIZE / UOM	Y	The size of the hazardous unit. Example: 1.5 GRM (Gram)
HAZARD PACK TYPE	Y	This attribute is used to specify the type of container the Hazardous product is transported in. Example: 1 - Barrel
IMPORT CLASSIFICATION TYPE CODE	Y	Required with Import Classification Value. Both attributes are required for trade items that are imported. Imported trade items typically require classification codes to determine appropriate duties and tariffs. The codes represent the classification systems typically utilised by governmental agencies to determine appropriate duties, tariffs, customs, and statistical declarations used in international trade. Valid classification type values CUSTOMS_TARIFF_NUMBER The Import Classification attributes are repeatable as a pair. Example: A supplier imports ABC Digital Photo Frames. <u>Import Classification Type Code =</u> <u>CUSTOMS_TARIFF_NUMBER</u> <u>Import Classification Value = 532465</u>
IMPORT CLASSIFICATION VALUE	N	Required with Import Classification Type. Specifies the value associated with the Import Classification Type Code that you entered or selected. The Import Classification attributes are repeatable by pair. Example: A supplier imports ABC Digital Photo Frames. <u>Import Classification Type Code =</u> <u>CUSTOMS_TARIFF_NUMBER</u> <u>Import Classification Value = 532465</u>


Attribute name	Code List	Definition
IN BOX CUBE DIMENSION / UOM	Y	<p>The Additional Dimensions of an imaginary cube which can be drawn around the trade item as defined in the formula of H X W X D (the linear Additional Dimensions:s multiplied to get a cubic result).</p> <p>This only applies to In-box Additional Dimensions. Examples: bag of cabbage, bag of flour, broom, ham, case of beer.</p> <p>Remember to enter /select the unit of measure (UOM).</p> <p>Example:</p> <p>In Box Cube Dimensions: = 50</p> <p>In Box Cube Dimensions: UOM = MTQ (Cubic Metre)</p>
INFORMATION PROVIDER GLN	N	<p>Unique Global Location Number GLN identifying the information owner. The information owner (or Publisher) is generally the manufacturer or a distributor. The Publisher has the responsibility to provide and maintain the data in the Catalogue. Remember that Information Provider GLN + GTIN + Target Market uniquely identify a trade item.</p>
INFORMATION PROVIDER NAME	N	<p>The Information Provider (or Publisher) is generally the manufacturer or a distributor.</p>
INGREDIENT STATEMENT	N	<p>Information on the constituent ingredient make up of the product.</p> <p>Industry Sector or Recipient Specific Requirements:</p> <p>Woolworths/Progressive:</p> <p>Must not use the following characters: ¬ ! ¢ ° " = _ { } ? ; ~ ` : []</p>
IS NON SOLD TRADE ITEM RETURNABLE?	Y	<p>Specifies if the retailer can return the items that are not sold.</p> <p>A "true" value is appropriate for a trade item when its unsold units can be returned to the seller for credit.</p> <p>Valid values are true (Yes), false (No), or blank (Not supplied).</p> <p>Examples:</p> <p>Weekly Sports Magazine – true</p> <p>Bottle of Fresh Orange Juice – false</p> <p>Fresh Bread - true</p>
IS PACKAGING MARKED AS RETURNABLE?	Y	<p>Specifies if the package (containing the trade item) can be returned. Applies to returnable packaging with or without deposit. Valid values are true (Yes), false (No), or blank (Not supplied).</p>

Attribute name	Code List	Definition
IS PRICE ON PACK?	Y	<p>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.</p> <p>Valid values are true (Yes), false (No), or blank (Not supplied).</p> <p>Industry Sector or Recipient Specific Requirements:</p> <p>Woolworths/Progressive</p> <p>Must be a CONSUMER unit. There must be a RETAIL_PRICE associated with this consumer unit.</p>
IS TRADE ITEM A BASE UNIT?	Y	<p>An indicator identifying the trade item as the base unit level of the trade item hierarchy. Valid values are true (Yes), false (No). Please populate this field with value true if the item has no products within. Populate the field with value false otherwise.</p>
IS TRADE ITEM A CONSUMER UNIT?	Y	<p>Identifies whether the trade item is to be taken possession of, or to be consumed or used by an end user or both, as determined by the manufacturer.</p> <p>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.</p> <p>Valid values are true (Yes), false (No)</p>
IS TRADE ITEM A DANGEROUS GOOD?	Y	<p>This flag is used to indicate if the trade item is considered a dangerous good.</p> <p>Dangerous goods are substances or articles that are potentially dangerous to people, property and the environment. They include materials that are explosive, flammable, spontaneously combustible (burst into flames without being lit), water reactive (produce flammable or toxic gases if mixed with water), oxidizing (help a fire to burn more fiercely), toxic (poisonous), Corrosive.</p> <p>Valid values are Y (Yes), N (No) or blank (Not supplied)</p> <p>Example:</p> <p>Y - Yes</p>
IS TRADE ITEM A DESPATCH UNIT?	Y	<p>Specifies if the trade item is a despatch (shipping) unit. There can be multiple despatch units in a hierarchy.</p> <p>Valid values are true (Yes), false (No)</p>
IS TRADE ITEM A HAZARDOUS GOOD?	Y	<p>This flag is used to indicate if the trade item is considered a hazardous good.</p>

Attribute name	Code List	Definition
		<p>Hazardous goods are chemicals or chemical compounds that are hazardous to humans and environment. A hazardous substance can be a single chemical or a mixture of two or more chemicals formulated to make a chemical product.</p> <p>They include material that are;</p> <p>Shock sensitivity, Corrosiveness, Oxidising properties, Reactivity with common substances (for example, air or water), Autoignition temperature, Evaporation rate, Vapour density, Odour threshold, PH, at stated concentration, Solubility in organic solvents, Per cent volatiles, Volatile organic compounds, Bulk density.</p> <p>Valid values are Y (Yes), N (No) or blank (Not supplied)</p> <p>Example:</p> <p>Y - Yes</p>
IS TRADE ITEM A VARIABLE UNIT?	Y	<p>Specifies if the trade item quantity is variable in weight or quantity. This field is commonly used for meat, cheese, fruit, and dairy items. Valid values are true (Yes), false (No). Please use value true if the item is a variable weight item, otherwise please use value false.</p>
IS TRADE ITEM AN INVOICE UNIT?	Y	<p>An indicator identifying that the information provider considers the trade item as an invoice unit. This may be relationship dependent based on channel of trade or other point to point agreement.</p> <p>Valid values are true (Yes), false (No).</p>
IS TRADE ITEM AN ORDERABLE UNIT?	Y	<p>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.</p> <p>Valid values are true (Yes), false (No)</p>
LABELLING ADDITIONAL PHRASE	N	<p>An optional additional phrase added to the Country of Origin Labelling such as "with Australian Macadamias" and Minor Processing information which must be in brackets () and is Mandatory if applicable. e.g. "with Australian Macadamias (packed and washed in Indonesia)".</p> <p>Example:</p> <p>Made in Country – New Zealand, from less than 10% Australian ingredients, with Canadian maple syrup and New Zealand apples;</p>
LABELLING AUSTRALIAN	N	<p>Percentage of the ingredient contained in the product made from the country of origin</p> <p>Example:</p>

Attribute name	Code List	Definition
CONTENT PERCENTAGE		Packaged in Country – Canada, from at least 60 Percentage Australian ingredients (note: from at least X Percentage Australian ingredients is a text string from the Labelling Ingredient Statement attribute)
LABELLING CLAIMS	N	A statement providing a list of all claims made (printed) on the Trade Item label. Each logo claim should be separated by a ";" for ease of understanding. Example: Handling Chicken Safely:. Keep Fresh at Temperature Between 0-4C. 1. Always thaw frozen chicken completely before cooking. 2. Wash hands, work surfaces and utensils thoroughly in hot soapy water before and after handling chicken. 3. Always cook thoroughly 97% Fat Free. 5 minutes bake at home. Hot fresh rolls quickly and easily baked at home. 100% Australian Logo
LABELLING COUNTRY OF ORIGIN	Y	Used to indicate the trade item's country of origin. The data for this attribute is used to replace the country string from the Labelling Logos attribute. Example: Country Produce - Australian
LABELLING GET DETAILS	N	Used if additional contact information is required to be provided to the consumer. Example: Packed in Country – Australia, ingredient source vary – average less than 10% Australian ingredients, Telephone +613 9123 4567 for more information
LABELLING INGREDIENT STATEMENT	Y	Information on the constituent make up of the product. Part two of the text provided on the Country of Origin Labelling Logo. Additional details may be required depending on the text string that is used. Example: Made in Country – Australia, from Australian ingredients
LABELLING LOGOS	Y	Part one of the text provided on the Country of Origin Labelling Logo. Additional details may be required depending on the text string that is used. Example: Grown in Country - Australia

Attribute name	Code List	Definition
LABELLING PACKED STATEMENT	Y	Indicates if item is packed in Australia. Part three of the text provided on the Country of Labelling Logo. Example: Grown in Country – Thailand, Packed in Australia
LABELLING PRODUCT NAME	N	The data for this attribute is used to replace the Product Name string from the Labelling Logos attribute. Example: Country Product Name – French, Truffles
MAXIMUM TEMPERATURE / UOM	Y	The maximum temperature that a trade item cannot exceed as defined by the manufacturer without affecting product safety or quality. A temperature UOM value is required. Example: 5 CEL (Degrees Celsius)
MEASUREMENT PRECISION CODE	Y	Code indicating whether the specified nutrient content is exact or approximate. One should follow local regulatory guidelines when selecting a precision. Attributes Preparation State Code and Nutrient Type Code are mandatory when attribute Measurement Precision is populated. Measurement Precision Code can be repeated as a 'group' with attributes 'Nutrient Type Code', 'Percentage of Daily Value Intake' (optionally) and 'Quantity Contained (+ UOM)'.
MICROBIOLOGICAL ORGANISM CODE	Y	Code indicating the type of microbiological organism. Required with Microbiological Organism Maximum Value. Example: AEROBE_MESOPHILES_MICROBIAL_COUNT BACILLUS_SUBTILIS SALMONELLA Industry Sector or Recipient Specific Requirements: Metcash: Use value BACILLUS_SUBTILIS if applicable to the product Use value AEROBE_MESOPHILES_MICROBIAL_COUNT if applicable to the product
MICROBIOLOGICAL ORGANISM	Y	Highest allowable value of the microbiological organism. Select value from code list. Required with Microbiological Organism Code.

Attribute name	Code List	Definition
MAXIMUM VALUE / UOM		Example: 3.000.000 – CFU (Colony Forming Units)
MINIMUM TEMPERATURE / UOM	Y	The minimum temperature that a trade item can be held below defined by the manufacturer without affecting product safety or quality. A temperature UOM value is required. Example: -6.5 CEL (Degrees Celsius)
MINIMUM TRADE ITEM LIFESPAN FROM TIME OF ARRIVAL	N	The period of days, guaranteed by the manufacturer, before the expiration date of the trade item, based on arrival to a mutually agreed to point in the buyer's distribution system. Example: Milk products always have a "sell by" date. Therefore, you would enter 14 days for this attribute, if you can guarantee that the Retailer will always receive the product at least 14 days before the "sell by date."
MINIMUM TRADE ITEM LIFESPAN FROM TIME OF PRODUCTION	N	The period of day, guaranteed by the manufacturer, before the expiration date of the product, based on the production. Example: A can of tomatoes has an expiry date of 365 days (1 year) from the time of production.
NESTING / MM	N	This is the amount that a product will nest into another when stacked. Calculated as the difference between the height (in millimetre) of one product multiplied by 2 and the height of 2 products stacked. Apply at Level: Base Unit Example: 2 Buckets are stacked on top of each other. Each bucket has a height of 300mm, a total of 600MM for both buckets. The two buckets stacked together have a height of 350mm.  Nesting = 600MM – 350MM = <u>250</u> MM

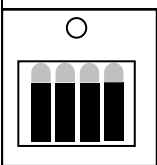
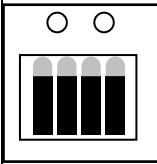
Attribute name	Code List	Definition
NET CONTENT / UOM	Y	<p>The amount of the trade item contained by a package as claimed on the label. Retailers use this value to create shelf price tags that match the package. It's important that the value here matches the label claim exactly. Net content should only be provided for Consumer and/or Base Units.</p> <p>For a multi-pack, specify the net content of the total trade item.</p> <p>For variable quantity trade items, specify the average quantity.</p> <p>Net Content can repeat by the unit of measure (UOM), but cannot repeat for the same UOM.</p>
NUMBER OF BASE UNITS	N	A reference to the number of GTINs of the lowest level of product contained within this product's family hierarchy. Only required where item not a base unit.
NUMBER OF SERVINGS PER PACKAGE	N	The total number of servings contained in the package. For some data recipients conditionally required with Serving Size & Nutrient Type Code.
NUTRIENT BASIS QUANTITY / UOM	Y	<p>Quantity on which the nutrient information has been based. When specified, Nutrient Basis Quantity establishes the basis for all contained nutrient records.</p> <p>The value populated is usually the same value as serving size unless the basis is a measure like 100 grams.</p>
NUTRIENT BASIS QUANTITY DESCRIPTION	N	Additional free text information needed to correctly express nutrient basis quantity for example "per bottle (100 ml)" or "with 100 ml skim milk"
NUTRIENT BASIS QUANTITY TYPE CODE	Y	The type of quantity contained for example measurement, serving size, or container.
NUTRIENT TYPE CODE	Y	<p>Code from the list of the INFOODS food component tag names http://www.fao.org/infoods/infoods/standards-guidelines/food-componentidentifiers-tagnames/en/ identifying nutrients contained in the product.</p> <p>Attributes Preparation State and Measurement Precision are system mandatory when attribute Nutrient Type Code is populated.</p> <p>Conditionally required with Serving Size & Number of Servings per Package.</p>

Attribute name	Code List	Definition
		<p>If used then these 7 repeats are mandatory (but more than 7 can be entered)</p> <p>The following field values are mandatory:</p> <p>ENER- Energy</p> <p>PRO- Protein</p> <p>FAT Fat, Total</p> <p>FASAT Saturated</p> <p>CHO- Carbohydrate</p> <p>SUGAR Sugars</p> <p>NA Sodium</p> <p>Industry Sector or Recipient Specific Requirements:</p> <p>Woolworths/Progressive:</p> <p>Confirmation must be received directly from Woolworths prior to entering any additional codes (other than the 7 codes listed above).</p>
NUTRITIONAL CLAIM	N	Free text field for any additional nutritional claims.
NUTRITIONAL CLAIM NUTRIENT ELEMENT CODE	Y	<p>The type of nutrient, ingredient, vitamins, and minerals that the nutritional claim is in reference to for example fat, copper, milk.</p> <p>Example:</p> <p>Nutritional Claim Type Code: FREE_FROM</p> <p>Nutritional Claim Nutrient Element Code: FIBRE</p> <p>Industry Sector or Recipient Specific Requirements: Woolworths/Progressive, The Distributors:</p> <p>Use the following codes if applicable to the product (in combination with the applicable Nutritional Claim Type Code):</p> <p>ARTIFICIAL_FLAVOUR, CALCIUM, CHOLESTEROL, ANTIOXIDANTS, PLANT_STEROLS, DAIRY, IRON, MULTIGRAIN, WHOLE_GRAIN, WHOLE_WHEAT, OMEGA_3_FATTY_ACIDS, TRANS_FAT and/or VITAMINS_AND_OR_MINERALS</p>
NUTRITIONAL CLAIM TYPE CODE	Y	<p>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.</p> <p>Example:</p>

Attribute name	Code List	Definition
		Nutritional Claim Type Code: FREE_FROM Nutritional Claim Nutrient Element Code: FIBRE
OPENED TRADE ITEM LIFESPAN	N	The number of days the trade item that had been opened can remain on the shelf before it must be removed. Industry Sector or Recipient Specific Requirements: Woolworths/Progressive: Conditionally mandatory with Food & Beverage extension. Specify 1 or more days.
ORDER QUANTITY MINIMUM	N	An agreed-to minimum quantity of the trade item that the Retailer can order. This field must be populated for all the items flagged as Orderable Units. Example: The Wine Co. has set "10 cases" as the minimum order allowable (each case contains 24 bottle of wine); therefore, the case must be flagged as an order unit and the attribute value is 10. if Wine Co. allows customers to order eaches, the "each" trade item must be flagged as an order unit and would have an orderQuantityMinimum of 240 (24 in a case times 10).
ORDER QUANTITY MULTIPLE	N	The multiples in which the trade item may be ordered.
PACKAGING FUNCTION CODE	Y	This is a code that is used to identify packaging features valuable for consumers or any party in the supply chain.
PACKAGING MARKED LABEL ACCREDITATION CODE	Y	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. Example: SUSTAINABLE_PALM_OIL_RSPO Industry Sector or Recipient Specific Requirements: Metcash: Use code SUSTAINABLE_PALM_OIL_RSPO if applicable to the product.
PACKAGING MARKED RECYCLABLE SCHEME	N	The package of this GTIN is marked to indicate under which scheme it is recyclable. Applies to recyclable packaging with or without deposit. Examples:

Attribute name	Code List	Definition
		Aluminium can be marked as recyclable.
PACKAGING MATERIAL COMPOSITION QUANTITY / UOM	Y	<p>The quantity of the packaging of the trade item. Can be weight, volume or surface, can vary by country. This material information can be used by data recipients for:</p> <p>Tax calculations/fees/duties calculation</p> <p>Carbon footprint calculations / estimations (resource optimisation)</p> <p>To determine the material used.</p>
PACKAGING MATERIAL TYPE CODE	Y	<p>The materials used for the packaging of the trade item, for example glass or plastic.</p> <p>This material information can be used by data recipients for:</p> <ul style="list-style-type: none"> • Tax calculations/fees/duties calculation • Carbon footprint calculations / estimations (resource optimisation) • To determine the material used. <p>Examples:</p> <ul style="list-style-type: none"> • CORRUGATED_BOARD_SINGLE_WALL • GLASS • METAL_ALUMINUM
PACKAGING TYPE CODE	Y	Code identifying the type of package used as the container for the trade item.
PACKAGING TYPE DESCRIPTION	N	<p>System generated text description of the type of packaging used for the trade item.</p> <p>Example:</p> <p>Packaging Type Code: CT</p> <p>Packaging Type Description: Carton</p>
PALLET DEPTH	N	The depth (in millimetres) of the pallet load of goods. Identifies the Unit of Measure for the Pallet Depth field as millimetres.
PALLET GROSS WEIGHT	N	The gross weight (in kilograms) of the pallet load of goods. The Gross weight of the pallet includes the actual pallet, any lower level packaging/ wrapping and any other packaging materials used to hold the pallet together. A standard pallet generally weights between 40-60 KGM. Pallet Gross Weight field is in kilograms.
PALLET HEIGHT	N	The height (in millimetres) of the pallet load of goods, including the pallet. Identifies the Unit of Measure for the Pallet Height field as millimetres.
PALLET NET WEIGHT	N	The net weight (in kilograms) of the pallet load of goods. The Pallet Net Weight excludes all packaging material, including the packaging material of all lower-

Attribute name	Code List	Definition
		level GTINs, any shrink wrap on the pallet and the weight of the pallet itself.
PALLET PATTERN	Y	Specify the stacking pattern for cartons on a Pallet. Select from the available options. Example: INTERLOCKING - Cartons are stacked on pallet in an interlocking pattern
PALLET VOLUME	N	The cube or volume of the pallet load of goods in cubic metres. Identifies the Unit of Measure for the Pallet Volume field as cubic metres. Example: Pallet Height = 1150 MMT Pallet Width = 1165 MMT Pallet Depth = 1165 MMT Pallet Volume = 1.560808 (1150x1165x1165/1 000 000 000)
PALLET WIDTH	N	The width (in millimetres) of the pallet load of goods. The width side of the pallet is taken to be the side with the forklift arm openings. Identifies the Unit of Measure for the Pallet Width field as millimetres.
PARTY RECEIVING PRIVATE DATA	N	GLN identifying a Recipient(s) who can access this item's data. This field is generally populated for private brands only. If you populate this attribute, the item cannot be published to any GLNs other than those entered in this attribute. Example: 9313938000433 – ABC Stores

Attribute name	Code List	Definition
PEG HOLE NUMBER	N	<p>Required if the trade item is displayed on a peg board or hangs from a hook through a hole in the package. Number of the holes into which the peg is inserted when the trade item is displayed on a pegboard.</p> <p>Peg holes should be numbered from the upper left corner of the front of the package to the bottom right corner. The peg holes should be identified from left to right, top to bottom with left to right having precedence.</p> <p>The three peg attributes are repeatable as a group; this attribute must be unique for each repeated group.</p> <p>Example:</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p>Battery 4 Pack</p> <p>Peg Hole Number = 1</p> </div> </div> <div style="display: flex; align-items: center; margin-top: 10px;">  <div style="margin-left: 10px;"> <p>Battery 4 Pack</p> <p>Peg Hole Number = 2</p> </div> </div>
PEG HORIZONTAL / UOM	Y	<p>Required if the trade item is displayed on a peg board or hangs from a hook through a hole in the package. Horizontal distance from the widest edge of the trade item to the centre of the hole into which the peg is inserted. You should also consider how much space is needed on each side of the peg.</p> <p>Remember to enter /select the unit of measure (UOM), which must always be MMT – Millimetres.</p> <p>The three peg attributes are repeatable as a group.</p> <p>Example:</p> <p>Battery 4 Pack. Peg Horizontal = 50</p> <p>Peg Horizontal UOM = MMT</p>
PEG VERTICAL / UOM	Y	<p>Required if the trade item is displayed on a peg board or hangs from a hook through a hole in the package. Vertical distance from the top edge of the trade item to the centre of the hole into which the peg is inserted when the trade item is displayed on a pegboard. You</p>

Attribute name	Code List	Definition
		<p>should also consider how much space is needed above the peg.</p> <p>The three peg attributes are repeatable as a group.</p> <p>Remember to enter /select the unit of measure (UOM), which must always be MMT – Millimetres.</p> <p>Example:</p> <p>Battery 4 Pack. Peg Vertical = 15</p> <p>Peg Vertical UOM = MMT</p>
PERCENTAGE OF ALCOHOL BY VOLUME	N	<p>Percentage of alcohol contained in the base unit trade item. Value must be between 0.00 and 100.00</p> <p>Example:</p> <p>NQR Dutch Whiskey 700ml contains 18% alcohol.</p> <p>The attribute value for this field is 18.00</p>
PHYSIOCHEMICAL CHARACTERISTIC CODE	Y	<p>Type of physiochemical characteristic (select from code list).</p> <p>Attributes Physiochemical Characteristic Value and Characteristic Value UOM required when Physiochemical Characteristic Code is populated.</p> <p>Example:</p> <p>TARGET_ACIDITY - To indicate the target acidity of the product</p>
PHYSIOCHEMICAL CHARACTERISTIC VALUE / UOM	Y	<p>Measurement value of the physicochemical characteristic. Remember to enter the applicable UOM.</p> <p>Attribute Physiochemical Characteristic Code is required when Physiochemical Characteristic Value / UOM is populated.</p>
PLATFORM TYPE CODE	Y	<p>Indicates whether the described despatch unit is delivered on a pallet / platform and on which type of platform.</p> <p>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.</p> <p>Example:</p> <p>25 – Australian Pallet</p>
PREPARATION CONSUMPTION PRECAUTIONS	N	<p>Specifies additional precautions to be taken before preparation or consumption of the product.</p> <p>Attributes Preparation Type Code and Preparation Instructions are system mandatory when attribute Preparation Consumption Precautions is populated.</p> <p>Precautions can be repeated as a 'group' with attributes 'Preparation Type Code' and 'Preparation Instructions'.</p>

Attribute name	Code List	Definition
		Example: "Take care with hot water."
PREPARATION INSTRUCTIONS	N	Textual instruction on how to prepare the product before serving. Attribute Preparation Type Code is system mandatory when Preparation Instructions is populated. Preparation Instructions can be repeated as a 'group' with attributes 'Preparation Consumption Precautions' and 'Preparation Type Code'. Example: "Pour 150ml of hot, not boiling water, and give it a good stir"
PREPARATION STATE CODE	Y	Code specifying whether the nutrient information applies to the prepared or unprepared state of the product. Attributes Measurement Precision Code and Nutrient Type Code are system mandatory when attribute Preparation State Code is populated. Preparation State can be repeated as a 'group' with attributes 'Serving Size / UOM', 'Nutrient Type Code' and 'Quantity Contained' Industry Sector or Recipient Specific Requirements: Woolworths/Progressive: If populated, required to be 'UNPREPARED'
PRICE COMPARISON CONTENT TYPE CODE	Y	Code indicating how the value in Price Comparison Measurement is used to calculate the comparative price, which is printed on shelf labels. Required if Price Comparison Measurement / UOM is used. Industry Sector or Recipient Specific Requirements: Woolworths/Progressive Use code: READY_TO_EAT
PRICE COMPARISON MEASUREMENT / UOM	Y	The quantity of the product at usage. Applicable for concentrated products and for products where the comparison price is calculated based on a measurement other than Net Content. Required if Price Comparison Content Type Code is used.

Attribute name	Code List	Definition
		Industry Sector or Recipient Specific Requirements: Woolworths/Progressive: The UOM chosen must match the Net Content UOM (or one of the Net Content UOMs if more than one is populated)
PRODUCT ACTIVITY REGION DESCRIPTION	N	The region in which a processing or other activity has been performed for example processing, bottling, manufacturing. Attribute Product Activity Type Code must be populated as well if Product Activity Region Description is populated.
PRODUCT ACTIVITY TYPE CODE	Y	A code depicting the type of activity being performed on a trade item for example processing, bottling, manufacturing. Example: CATCH_ZONE - The sea zone in which the seafood in the trade item was caught
PRODUCT DEPTH / UOM	Y	The measurement from front to back of the trade item. For a consumer item, you would measure from front to back of the item, in its packaging. For non-consumer units, measure the longest side of the item, in its packaging.
PRODUCT DRAINED WEIGHT / UOM	Y	The weight of the trade item when drained of its liquid. Do not include packaging. Unit of measure (UOM) required. Example: Product Drained Weight = 0.235 Product Drained Weight UOM = KGM
PRODUCT GROSS WEIGHT / UOM	Y	Specifies the weight of the trade item, including all packaging materials. GDSN System Mandatory if item is an Orderable Unit or Despatch Unit. Unit of measure (UOM) conditionally mandatory. Usually UOM = 'KGM' - Kilograms.
PRODUCT HEIGHT / UOM	Y	The vertical Additional Dimensions: of the trade item - from the lowest extremity to the highest extremity, including packaging; this applies to both consumer items and non-consumer items.

Attribute name	Code List	Definition
PRODUCT STATE	Y	<p>This attribute describes the delivered state of the product. Specify which best describes the state of the product at time of delivery.</p> <p>Example: CONCENTRATE LIQUID – Liquid, concentrate</p>
PRODUCTION VARIANT EFFECTIVE DATE TIME	N	<p>The Product Variant Effective Date Time is the date/time stamp on which the production variant becomes (or became) effective.</p> <p>When the effective date is not known, brand owners should populate this field with today's date (the date on which the data is being loaded onto the National Product Catalogue)</p> <p>Example: 2016-03-01T00:00:00</p> <p>Note: Date/time input format may vary from the above; Publishers should verify date/time input formats with their National Product Catalogue product provider.</p>
PRODUCT NET WEIGHT / UOM	Y	<p>Net Weight excludes all packaging material, including the packaging material of all lower-level GTINs</p> <p>For consumer products sold by weight, this value may be the same value as Net Content.</p>
PRODUCT WIDTH / UOM	Y	<p>For consumer items, this is the measurement from left to right of the trade item, in its packaging. For non-consumer items, this is the measurement of the shortest side of the item, in its packaging.</p>
PUBLICATION DATE TIME	N	<p>The date when all data associated with the trade item becomes available for viewing and synchronisation.</p>
NUTRIENT QUANTITY / UOM	Y	<p>Measurement value indicating the amount of nutrient contained in the product. Within Australia, the value entered must always be per 100 ml or 100 gram of product.</p> <p>Industry Sector or Recipient Specific Requirements: Woolworths/Progressive: Conditionally required with Nutrient Type Code The required UOMs are: ENERGY = KJO PROTEIN = GRM FAT, TOTAL = GRM SATURATED = GRM</p>

Attribute name	Code List	Definition
		CARBOHYDRATE = GRM SUGARS = GRM SODIUM = MGM
QUANTITY OF COMPLETE LAYERS CONTAINED IN A TRADE ITEM	N	The number of layers of the base trade item found in a trade item. Does not apply to the base trade item unit. Example: A case of Widgets contains 24 individual/base units. The Widgets are packed 2 high, 3 wide and 4 deep. The value of this attribute is 2 — 2 layers within case.
QUANTITY OF LAYERS PER PALLET	N	Number of layers that a pallet contains, according to supplier or retailer preferences. Example: A case of widgets is packed 8 cases per layer on the pallet and 4 layers high. The value of this attribute is 4 — 4 layers, since this information is being communicated on the case-level GTIN.
QUANTITY OF TRADE ITEMS PER PALLET	N	Number of trade items placed on a pallet, per Supplier or Retailer preferences. Example: <ul style="list-style-type: none"> • 100 – 100 Cartons Per Pallet (25 Cartons Per Pallet Layer x 4 Pallet Layers) • A case of widgets is packed 8 cases per layer on the pallet and 4 layers high. The value of this attribute is 32 — 32 cases.
QUANTITY OF TRADE ITEMS PER PALLET LAYER	N	Number of trade items placed on a pallet, as per Supplier or Retailer preferences. Example: A case of widgets is packed 8 cases per layer on the pallet and 4 layers high. The value of this attribute is 8 — 8 cases per layer.
REFERENCED FILE TYPE CODE	Y	Code list used to define the type of information being specified in Uniform Resource Identifier. Attributes 'Referenced File Type Code', 'Uniform Resource Identifier' and 'File Effective Start Date Time' can be repeated as a group. Examples: PRODUCT_WEBSITE - Link to a website containing product specific information. Examples of this could be a link to a website dedicated to the product or a link to the area within the manufacturer or brand owner website that contains the product information RECIPE_WEBSITE - Link to a website containing recipes associated with the product

Attribute name	Code List	Definition
		SAFETY_DATA_SHEET - Link to a file containing the product's Safety Data Sheet (SDS). This file can be either an image or a document
REFERENCED TRADE ITEM GTIN	N	<p>GTIN associated with the applicable Referenced File Type Code.</p> <p>Example:</p> <p>A packet of surgery masks has a GTIN of 09312345678914. The manufacturer has decided to change the packaging configuration significantly affecting Additional Dimensions etc. This will result in a new GTIN of 09312345678921 for the packet of surgery masks.</p> <p>The Referenced Trade Item Type Code is REPLACED</p> <p>The GTIN is 09312345678914</p>
REFERENCED TRADE ITEM TYPE CODE	Y	<p>A code depicting the type of trade item that is referenced for a specific purpose for example substitute, replaced by, equivalent trade items.</p> <p>Examples:</p> <ul style="list-style-type: none"> REPLACED – Indicates the trade item identification of an item that is being permanently replaced by this trade item. <p>Note:</p> <p>For Australian Pharmacy Wholesale, use code REPLACED if applicable to the product</p>
RETURNABLE PACKAGE DEPOSIT AMOUNT	N	Indicates the Container Deposit amount included in the item price excluding GST.
RETURNABLE PACKAGE DEPOSIT AMOUNT CURRENCY CODE	Y	Indicates the currency attached with the Container Deposit.
RETURNABLE PACKAGE DEPOSIT END DATE	N	The End Date or Expiry Date for Container Deposit which is related to the registration number.
RETURNABLE PACKAGE DEPOSIT IDENTIFICATION	N	Indicates the registration number of the Deposit Scheme applicable to the trade item for the state.
RETURNABLE PACKAGE DEPOSIT REGION: COUNTRY	Y	Indicates the country of the deposit amount specified.

Attribute name	Code List	Definition
RETURNABLE PACKAGE DEPOSIT REGION: STATE	Y	Indicates the state of the deposit amount specified.
SDS ISSUE DATE	N	<p>The date on which the Safety Data Sheet (SDS) is issued.</p> <p>An SDS is a document containing important information about a hazardous chemical (which may be a hazardous substance and/or dangerous good).</p> <p>Example: 2014-06-18</p>
SEASONAL AVAILABILITY START DATE TIME	N	<p>Indicates the start date of the trade item's seasonal availability.</p> <p>Note: The seasonal availability can be different from both the ordering time and despatching time. Basically, the availability is the supplier's intention of how long he will offer the product. The despatching time is more useful for the distribution centre and outlet warehousing.</p> <p>Example: 2016-12-01T00:00:00</p> <p>Note: Date/time input format may vary from the above; Publishers should verify date/time input formats with their National Product Catalogue product provider.</p>
SEASONAL AVAILABILITY END DATE TIME	N	<p>Indicates the end date of the trade item's seasonal availability.</p> <p>Example: 2016-12-31T00:00:00</p> <p>Note: Date/time input format may vary from the above; Publishers should verify date/time input formats with their National Product Catalogue product provider.</p>
SEASON NAME	N	<p>Element defines the season applicable to the item.</p> <p>Examples:</p> <ul style="list-style-type: none"> • Holiday • Back to school • Summer • Winter • Special advertising actions • Winter end-of-season sales (WSV) • Summer end-of-season sales (SSV)

Attribute name	Code List	Definition
SERVING SIZE / UOM	Y	<p>Measurement value specifying the average serving size. Attributes Preparation State Code, Measurement Precision Code & Nutrient Type Code are all system mandatory when attribute Serving Size / UOM is populated.</p> <p>Serving Size and Serving Size UOM can be repeated as a 'group' with attribute 'Preparation State Code'</p> <p>Example: 45 GRM</p> <p>Industry Sector or Recipient Specific Requirements:</p> <p>Woolworths/Progressive: Conditionally required with 'Number of Servings per Package' & 'Nutrient Type Code' UOM = 'GRM' (Gram) or 'MLT' (millilitre)</p>
SERVING SUGGESTION	N	Free text field for serving suggestion.
SECURITY TAG LOCATION CODE	Y	<p>This is a code to indicate where the EAS tag is located on the Trade Item.</p> <p>Applies to Consumer Units only.</p> <p>Required if Security Tag Type Code is populated.</p> <p>Examples:</p> <ul style="list-style-type: none"> • CONCEALED_INSIDE_THE_TRADE_ITEM • ON_OUTSIDE_OF_TRADE_ITEM
SECURITY TAG TYPE CODE	Y	<p>Code that describes the technology associated with the Electronic Article Surveillance (EAS) tag placed on a Trade Item.</p> <p>Applies to Consumer Units only.</p> <p>Required if Security Tag Location Code is populated.</p> <p>Example: ELECTRO_MAGNETIC_EAS_TAG</p>
SELLING UNIT OF MEASURE	Y	This is the unit of measure by which the item is sold to the end consumer.
SHELF LIFE AFTER BEEN THAWED	N	<p>When a product has been Thawed back for sale or further processing state the shelf life in days for the Trade Item.</p> <p>Example: 2 - Product has 2 days shelf life after it has been thawed.</p>

Attribute name	Code List	Definition
SHIPPING CONTAINER QUANTITY DESCRIPTION	N	The quantity of the contents of the shipping container as described on the outside of the shipping container, for example: 100 30 gr envelopes.
SHORT DESCRIPTION	N	A free form short length description of the trade item that can be used to identify the trade item at point of sale.
SIZE CODE LIST CODE	Y	Code specifying a size code list. Descriptive Size, Size Code Value, and Size Code List Code can repeat together as a group, but each is optional within that group. Example: 3 – Assigned by seller
SIZE CODE VALUE	N	Value from an industry-specific list identifying the size of the trade item. It can be a combination of values that fully describe the trade item size. Example: <ul style="list-style-type: none"> • A 12½ Med shoe • Pants that are 36L • An oval table cover that is 36x
SUB-BRAND	N	Second level of brand; can be a trademark. It is the primary differentiating factor that a brand owner wants to communicate to the Recipient.
START AVAILABILITY DATE TIME	N	The date and time when the trade item becomes available from the Supplier, including seasonal or temporary trade item and services.
TARGET MARKET COUNTRY CODE	Y	Target market country code indicates the country level or higher geographical definition where the information provider (Publisher) makes the item available to Recipients. Note that this indicator does not in any way govern where the Recipient may sell the item to consumers. Remember that Information Provider GLN + GTIN + this attribute uniquely identifies a trade item.
TEMPERATURE QUALIFIER CODE	Y	Code qualifying the type of a temperature requirement. Examples: DELIVERY_TO_DISTRIBUTION_CENTRE STORAGE_HANDLING TRANSPORTATION

Attribute name	Code List	Definition
TRADE ITEM COUNTRY OF ORIGIN	Y	The country code/s in which the goods are produced or manufactured.
TRADE ITEM DATE ON PACKAGING TYPE CODE	Y	List all the Date Mark Types that have been applied to the Trade Item Packaging.
TRADE ITEM DESCRIPTION	N	<p>This attribute is required for the Australian community. This field is the “long” description of the trade item. This attribute should be the concatenation of attribute values for Brand, Sub-Brand, Functional Name, and Variant Description. Furthermore, Publishers must include the base unit Net Content / UOM and Child Quantity as part of the product description.</p> <p>Example:</p> <p>Brand = GS1 Sub Brand = Classic Functional Name = Chocolate Variant = Dark Net Content (Base) = 200g Child Qty (Case) = 100</p> <p>Trade Item Description (Base) = GS1 Classic Dark 200g Trade Item Description (Case) = GS1 Classic Dark 200g x 100</p>
TRADE ITEM FINISH DESCRIPTION	N	<p>Text defining the outer surface/appearance of the trade item. Generally, this attribute applies to consumer unit items only.</p> <p>Examples:</p> <ul style="list-style-type: none"> • Antique brass • Oak finish • Walnut finish
TRADE ITEM: GENETICALLY MODIFIED DECLARATION CODE	Y	Specifies if the trade item contains genetically modified contents. Populate ‘CONTAINS’ if the item contains genetically modified ingredients that must be declared under the ANZ Food Standards Code.
TRADE ITEM GRAM MEASURE DECLARATION	N	<p>The trade item pack size in Grams (or expressed in Millilitre if a liquid measure) - kilogram is not acceptable.</p> <p>Example:</p> <p>1500 (represents 1500 grams)</p>

Attribute name	Code List	Definition
TRADE ITEM GROUP IDENTIFICATION CODE	N	<p>A code assigned by the Supplier or manufacturer to logically group trade items independently from the Global trade item classification. This code is typically assigned to multiple GTINs. For example, a code of 1200 could represent all styles/colours/variations of the same product. If Target Market = AUS, the Trade Item Group Identification Code is mandatory and must contain at least 3, and no more than 4, alpha numeric characters.</p> <p>Example: TI Group ID = BED</p>
TRADE ITEM GROUP IDENTIFICATION CODE DESCRIPTION	N	<p>The text description of the value represented by the Trade Item Group Identification Code. For example, "501 Blue Jeans" represents all sizes and colours of this trade item.</p> <p>Example: TI Group ID Description = Bed Products</p>
TRADE ITEM GROWING METHOD CODE	Y	<p>The process through which fresh produce is grown and cultivated.</p> <p>Example: FREE_RANGE</p> <p>Industry Sector or Recipient Specific Requirements: AU Supermarkets: Use value FREE_RANGE if applicable to the product</p>
TRADE ITEM MARKETING MESSAGE	N	<p>Marketing message applicable to the item. Marketing text/Selling Points, used for the selling unit, separate each point by semi-colon ";"</p>
TRADE ITEM TOTAL ENERGY DECLARATION	N	<p>The total number of Kilojoules for the entire pack that a consumer will buy.</p> <p>The Australian Government has a legislative requirement known as 'Kilojoule ticket labelling' that applies to (for example) in-store delis and bakery. From the 1st Jan 2013, Australian supermarkets must be compliant with the legislation.</p> <p>Example: 1240</p>
TRADE ITEM UNIT DESCRIPTOR CODE	Y	<p>Describes the hierarchical level of the trade item.</p> <p>Example: GS1 Baked Beans 200g = BASE_UNIT_OR_EACH GS1</p>

Attribute name	Code List	Definition
		<p>Baked Beans 200g x 12 = PACK_OR_INNER_PACK</p> <p>GS1</p> <p>Baked Beans 200g x 12 X 4 = CASE</p> <p>Note: Please do not use <i>DISPLAY_SHIPPER</i> for AU Community</p>
TRADE MEASUREMENT METHOD	Y	<p>Specify which Trade Measurement method is used when stating trade measurements such as Target Fill and Drained Weight. Select from list.</p> <p>Example:</p> <p>Average - Average Quantity</p>
TYPE OF ANIMAL PRODUCT	N	<p>In general terms specify the Type of Animal used in the Trade Item, if this attribute is used then more specific detail is required to be supplied under Meat, Bird or Fish attributes.</p> <p>Example:</p> <p>Bird</p>
UNIFORM RESOURCE IDENTIFIER	N	<p>Free text field to communicate the URL that contains additional information. Must be associated with a valid Referenced File Type Code.</p> <p>Attributes 'Referenced File Type Code', 'Uniform Resource Identifier' and 'File Effective Start Date Time' can be repeated as a group.</p> <p>Example:</p> <p>http://www.gs1au.org</p>
UNITED NATIONS DANGEROUS GOODS NUMBER	N	<p>Required with any other dangerous goods, or hazardous materials, attribute. The four-digit number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods to classify a substance or a group of substances. GS1 recommends using the 16th edition of the UN Recommendations on the Transport of Dangerous Goods (published in 2009).</p>
UNITS IN DEPTH OF LAYER	N	<p>Number of Next Lower Level (NLL) units of a product or package, which make up the depth of a layer in the package.</p> <p>Supply at Level: Any trade item with Next Lower Levels</p> <p>Example:</p> <p>A case of Widgets contains 24 individual/base units. The Widgets are packed 2 high, 3 wide and 4 deep. The value of this attribute is 4 — 4 products in the depth of one layer.</p>

Attribute name	Code List	Definition
UNITS IN WIDTH OF LAYER	N	<p>Number of Next Lower Level (NLL) units of a product or package, which make up the width of a layer in the package.</p> <p>Supply at Level: Any trade item with Next Lower Levels</p> <p>Example:</p> <p>A case of Widgets contains 24 individual/base units. The Widgets are packed 2 high, 3 wide and 4 deep. The value of this attribute is 3 — 3 products in the width of one layer.</p>
VARIANT DESCRIPTION	N	<p>Text that identifies the variant of the trade item. Variants are the distinguishing characteristics that differentiate products with the same brand and size, such as flavour, fragrance, taste.</p>
WARNING COPY DESCRIPTION	N	<p>Additional text information that outlines special requirements, warning and caution information printed on the package.</p>

(Return to [3.0 Identify Data Requirements](#))

APPENDIX C – Price Data Definitions

The following are definition of the attributes. For further details, please refer to the full Price Data Dictionary in our Cookbook: [Price Data Dictionary](#)

Attributes that require a specific code populated will have a “Y” indicated within the Code List column: [Code Lists](#)

Attribute	Code List	Definition
ALTERNATE LOCATION GROUPING	Y	<p>Description of a cluster of business locations mutually defined by the Publisher and Recipient.</p> <p>Example:</p> <p>New Frontier provides goods to XYZ Supermarkets nationally. The major states in Australia have the same price however Far North Queensland is charged a slightly higher price due to logistical complications.</p> <p>The attribute value is FAR_NORTH_QUEENSLAND for prices into Far North Queensland.</p> <p>Industry Sector or Recipient Specific Requirements:</p> <p>Woolworths & Progressive:</p> <p>Allocated to DSD suppliers by Woolworths, where there is a specific ‘price zone’ defined between the trading partners. Up to 7 characters are available for the ALG, but examples include: FNQ – Far North Queensland, LNI – Lower North Island (NZ), SI – South Island</p> <p>Alternate Location Grouping is mutually exclusive with DC pricing.</p> <p>Alternate Location Grouping is mutually exclusive with State-based Pricing. An Alternate Location Group is ALWAYS an EXCEPTION PRICE</p>
DISTRIBUTION METHOD CODE	Y	<p>The agreed point in the supply chain where the Supplier makes the goods available to the Retailer.</p>

		<p>Example:</p> <p>John's Bakery produces Rye Bread which is delivered directly to XYZ Supermarkets. The attribute value will be DSD (Direct Store Delivery).</p> <p>Industry Sector or Recipient Specific Requirements:</p> <p>Woolworths & Progressive:</p> <p>DC and DSD only</p>
EFFECTIVE END DATE CONTEXT CODE	Y	<p>Indicates the related circumstances associated with the Effective End Date/Time for the price component.</p> <p>The NPC community supports code LAST_ORDER_DATE</p> <p>Example:</p> <p>Effective End Date Time = 2008-12-31-00.00.00</p> <p>Effective End Date Context Code = LAST_ORDER_DATE</p>
EFFECTIVE END DATE TIME	N	<p>Last day that this pricing component is effective.</p> <p>This is a repeating attribute, both by Effective End Date/Time and within Effective End Date Context.</p> <p>Example:</p> <p>Effective End Date Time = 2008-12-31-00.00.00</p> <p>Effective End Date Context Code = LAST_ORDER_DATE</p> <p>Note 1:</p> <p>date/time input format may vary from the above; Publishers should verify date/time input formats with their NPC product provider.</p> <p>Note 2:</p> <p>Although the GDSN standards allow for Effective End Date/Time and Effective End Date Context Code to be repeated as a group, repeats are not supported within the NPC community.</p>
EFFECTIVE START DATE CONTEXT CODE	Y	<p>Indicates the related circumstances associated with the Effective Start Date/Time for the price component.</p> <p>The NPC community supports code FIRST_ORDER_DATE.</p>

		<p>Example:</p> <p>Effective Start Date Time = 2008-12-17-00.00.00</p> <p>Effective Start Date Context Code = FIRST_ORDER_DATE</p> <p>Note:</p> <p>Although the GDSN standards allow for Effective Start Date/Time and Effective Start Date Context Code to be repeated as a group, repeats are not supported within the National Product Catalogue community</p>
EFFECTIVE START DATE TIME	N	<p>First day that this pricing component becomes effective. This is a repeating attribute, both by Effective Start Date Context and within Effective Start Date Context.</p> <p>Example:</p> <p>Effective Start Date Time = 2008-12-17T00:00:00</p> <p>Effective Start Date Context Code = FIRST_ORDER_DATE</p> <p>Note:</p> <p>Date/time input format may vary from the above; suppliers should verify date/time input formats with their NPC product provider.</p> <p>Industry Sector or Data Recipient Specific Requirements:</p> <p>Coles & Metcash:</p> <p>Pricing start date must always be a Monday Date</p> <p>Woolworths & Progressive Supermarkets:</p> <p>Price start dates must be less than or equal to 270 days</p>
PRICE ACTION CODE	Y	<p>A code assigned by the supplier to indicate to the data recipient, the reason for sending the price information contained within the specified segment within the Price Synchronization Message.</p> <p>The data recipient can use this code to determine the nature of the action</p>

		<p>associated with each price component within each price type segment. the addition of a new record, the modification of an existing record or the correction of an existing record.</p> <p>Example:</p> <p>ADD – the additional of a new price record</p> <p>CHANGE_BY_REFRESH – the modification of an existing record</p> <p>Industry Sector or Data Recipient Specific Requirements:</p> <p>Metcash:</p> <p>If a price has a future start date and it's incorrect, use DELETE action code to cancel price. End availability date remain empty.</p> <p>Coles and Woolworths/Progressive:</p> <p>Do not accept DELETE action code</p>
PRICE ACTION REASON	Y	<p>Reason as to why an action related to a Price Type has occurred.</p> <p>Example:</p> <p>A product that currently exists in the market place but is populated onto the NPC for the first time will have this attribute populated with 'NI' (The introduction of a new item).</p>
PRICE BASIS QUANTITY / UOM	Y	<p>Qualifies the price with a "price per" quantity and a unit of measure indicating what the price and price quantity applies to.</p> <p>A unit of measure (UOM) must always be selected.</p> <p>Example:</p> <p><u>A price applies to 1 Outer carton,</u> Price Basis Qty = 1 Price Basis Qty UOM = EA</p> <p><u>A price applies to 1 Base Unit,</u> Price Basis Qty = 1 Price Basis Qty UOM = EA</p> <p><u>A price applies to 1 Kilogram,</u> Price Basis Qty = 1</p>

		<p>Price Basis Qty UOM = KGM</p> <p>Industry Sector or Recipient Specific Requirements:</p> <p>Woolworths & Progressive:</p> <p>UOM = 'EA' or 'KGM' only</p>
PRICE TYPE APPLICATION SEQUENCE	N	<p>Order in which the value associated with a Price Type is applied when calculating the net invoice price.</p> <ul style="list-style-type: none"> • The application sequence is always 1 for the parent price (generally the List Price) • The application sequence is 2, if the calculation is based on the relevant price in Price Type Application Sequence 1. • The application sequence can be 3 or more, if the calculation is based on the prior subtotal (cascade)
PRICE TYPE CODE	Y	<p>This is code to indicate the kind or class of a price component. For example, LIST_PRICE, ALLOWANCE, CHARGE.</p> <p>Example:</p> <p>The company will be providing a list price, the value in this field is LIST_PRICE</p> <p>Industry Sector or Recipient Specific Requirements:</p> <p>Coles:</p> <p>LIST_PRICE and ALLOWANCE (where applicable) only.</p> <p>Woolworths/Progressive:</p> <p>LIST_PRICE (always), TRANSACTION_PRICE (always), RETAIL_PRICE (where applicable – can only be entered against a GTIN which is also a CONSUMER unit – only price which contain GST)</p> <p>ALLOWANCE and CHARGE (where applicable – but only ever listed under the LIST_PRICE) only.</p> <p>Netget (IR Exchange):</p> <p>LIST_PRICE only; no allowance/charges needed</p>

<p>PRICE TYPE DESCRIPTION</p>	<p>Y</p>	<p>Discounts (Allowances) in the NPC are of the form of 'Off Invoice' discounts. Rebates are not 'Off Invoice' discounts, but rather come into effect after certain agreed thresholds such as total annual spend or quantity buys have been met. They are often implemented as credits back to the customer after the threshold has been met.</p> <p>The NPC does not support rebates. They are not to be included in any prices loaded into the NPC.</p> <p>Example:</p> <p>ABC Supplies gives XYZ Supermarkets a 5% Warehouse Allowance for their Raw Sugar product.</p> <p>Price Type = LIST_PRICE</p> <p>Price Type Description = WAREHOUSE</p> <p>Industry Sector or Recipient Specific Requirements:</p> <p>Coles and Metcash:</p> <p>This field must be populated <u>only</u> if the Price Type Code is an Allowance or Charge.</p> <p>Use the 'List' price and any allowances and charges to calculate the actual invoice price (last cost) for the product</p> <p>Woolworths/Progressive:</p> <p>If LIST_PRICE must be one of: RAW_MATERIALS, TRANSPORT, TAX_DUTY, PACKAGING, PRODUCTION_COSTS, or OTHER.</p> <p>OTHER is to be used for the <u>very first</u> <u>LIST_PRICE</u> to be added to a GTIN; the next LIST_PRICE for this GTIN would then be a choice from the 6 available options.</p>
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		<p>If RETAIL_PRICE must be one of: POP, RRP.</p> <p>If TRANSACTION_PRICE must be <null>(<null> means leave blank).</p> <p>If ALLOWANCE must be one of: DEFERRED_DEAL_1, OFF_INVOICE_DEAL_1, MISCELLANEOUS</p> <p>If CHARGE must be one of: FREIGHT, MISCELLANEOUS</p> <p>Netget (IR Exchange): LIST_PRICE only; no allowance/changes needed.</p>
PRICE TYPE ID	N	<p>The unique identification assigned to a price record. For many NPC Publishers (Suppliers), the Price Type ID will be automatically generated.</p> <p>Note 1: All price records must contain a unique Price Type ID.</p> <p>Note 2: A Price Type IDs must be unique within a combination of 'Supplier GLN' and 'Trading Partner Relationship'.</p>
PRICE TYPE LAST CHANGED DATE TIME	N	<p>Date of the last change. System generated value.</p> <p>Example: 2009-10-01-00.00.00</p>
PRICE VALUE	N	<p>Value amount of the pricing. Pricing on the NPC is <u>GST Exclusive</u>.</p> <p>Example: ABC Supplies Raw Sugar has a list price of \$10 for an outer carton. Price Value = 10 Price Value Type = VALUE</p> <p>ABC Supplies gives XYZ Supermarkets a 5% Warehouse Allowance for their Raw Sugar product.</p>

		<p>Price Value = 5</p> <p>Price Value Type = PERCENT</p> <p>Industry Sector or Recipient Specific Requirements:</p> <p>Woolworths & Progressive Supermarkets:</p> <ul style="list-style-type: none"> • Price only to 2 decimal places • Except for Allowance & Charge price records (specific circumstance only), a value of zero is not valid
PRICE VALUE TYPE	Y	<p>Classification of the price component that determines how to apply the amount.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> • PERCENT – A part of a whole expressed in hundredths. • VALUE – A numerical quantity that is assigned or is determined by calculation or measurement. <p>Example:</p> <p>ABC Supplies Raw Sugar has a list price of \$10 for an outer carton.</p> <p>Price Value = 10</p> <p>Price Value Type = VALUE</p> <p>ABC Supplies gives XYZ Supermarkets a 5% Warehouse Allowance for their Raw Sugar product.</p> <p>Price Value = 5</p> <p>Price Value Type = PERCENT</p> <p>Industry Sector or Recipient Specific Requirements:</p> <p>Woolworths & Progressive Supermarkets:</p> <ul style="list-style-type: none"> • For non-Allowance and Charge prices, price value type must be VALUE. • For Allowance and Charge prices, price value type can be VALUE or PERCENTAGE

RECIPIENT GLN	N	<p>This is the GLN of the Recipient. Inserting this GLN will ensure that the pricing information is recorded against the appropriate data recipient. This may be a super market or a healthcare Jurisdiction etc.</p> <p>Each pricing record on the NPC must be recorded against a Recipient (trading partner). The Publisher will need to enter separate pricing records per Recipient.</p> <p>Example: ABC Supplies is going to record pricing only against XYZ Supermarkets. To ensure that pricing information is sent to the correct data recipient, ABC Supplies will enter XYZ Supermarkets GLN (9377771234561) within the pricing information.</p>
REFERENCE DOCUMENT DESCRIPTION	N	<p>A free form text field used to describe a contract or other document which contains more information about agreements made regarding a condition.</p> <p>Example: Reference Document ID = EXCEPTION Reference Document Description = EXCEPTION_PRICE</p> <p>Industry Sector or Recipient Specific Requirements: Woolworths & Progressive: If Reference Document ID = EXCEPTION, then Reference Document Description = EXCEPTION_PRICE. An Alternate Location Group is ALWAYS an EXCEPTION PRICE</p>
REFERENCE DOCUMENT ID	N	<p>Required if Reference Document Description populated.</p> <p>Example: Reference Document ID = EXCEPTION Reference Document Description = EXCEPTION_PRICE</p>

		Industry Sector or Recipient Specific Requirements: Populate this field with the value 'EXCEPTION' where the price contains 1 or more States for which pricing differs from the provided National Price for the same GTIN. The Exception price will have the same values for all price attributes as the National price apart from: Price ID, Price Value, Ref Doc ID and Ref Doc Description. A State cannot appear in more than one Exception price for the GTIN.
RELATIONSHIP ID	N	This is a unique identifier for the price synchronisation relationship. Example: ABCLOOT-9377771234561 (GLN of Data Recipient) Industry Sector or Recipient Specific Requirements: Woolworths/Progressive Supermarkets: Must be format n8-n4 . (e.g. 00012345-0000, 12345678-0001, 12345678-0002 etc.)
TARGET MARKET SUBDIVISION	Y	Country sub-division code that indicates official political region in the target market. Example: ABC Supplies despatches products to Victoria and New South Wales at different prices. A Pricing record for Victoria will contain AU-VI in this attribute while pricing records for New South Wales will contain AU-NS . Industry Sector or Recipient Specific Requirements: Woolworths & Progressive: Australia <ul style="list-style-type: none"> • ACT is not valid (7 other values are valid)
TARGET PRICE ID	N	Required only if Price Type is ALLOWANCE or CHARGE. Identification of the 'parent' pricing record that is to

		<p>be the starting point for the net invoice calculation.</p> <p>Note:</p> <p>This attribute is required for an allowance/charge in the Australasian community.</p> <p>Example:</p> <p>A list price has a Price Type ID of Sugar_LIST_20081217.</p> <p>A Warehouse allowance is attached to this list price and has a Price Type ID of Sugar_WARE_20081217.</p> <p>The Warehouse allowance will have a Target Price ID of Sugar_LIST_20081217.</p>
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([Return to 3.0 Identify Data Requirements](#))

APPENDIX D – Product Measurements

Consumer (End-User) Trade Items

Consumer trade items are identified with a GTIN. For the retail channel, they must fulfil the below three criteria:

- They are meant to pass through Point of Sale
- They have a Default front
- Barcodes will comply to rules as per the GS1 General Specifications

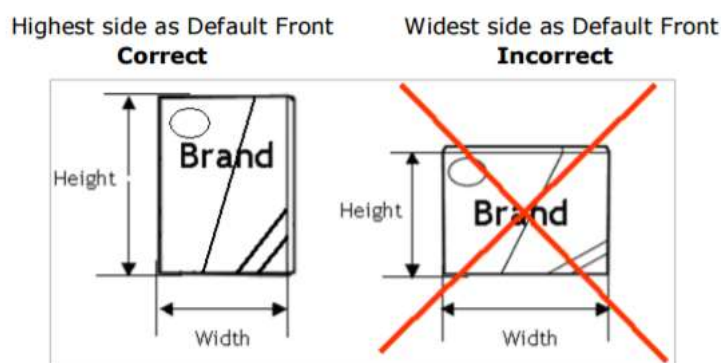
If a Consumer Trade Item is also traded as a Logistics trade item (e.g. Case Unit), it still needs to be viewed as a Consumer Trade Item and measured accordingly.

Determining the Default Front of an Item

Prior to any measurement capture, the Default Front of the trade item must be determined. For the purposes of this standard, the Default Front is the side with the largest surface area that is used by the manufacturer to “sell” the product to the consumer, in other words, the side with markings such as the product name.

When determining the Default Front, standard text elements such as consumer declarations should be viewed horizontally as product branding and / or graphics may not be consistent with a horizontal or vertical orientation.

Some product packages have more than one possible front with the same surface area. These products can be presented both vertically and horizontally on the shelves. If a product package has more than one possible front, the highest side is the Default Front.

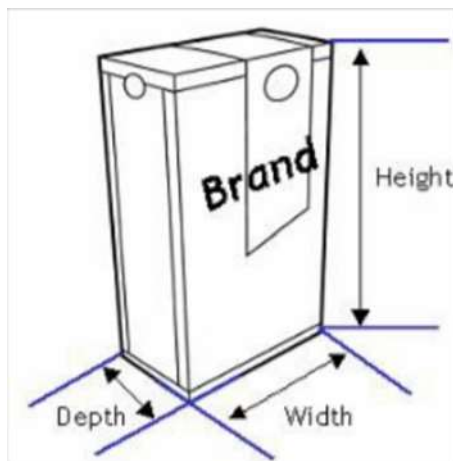


Determining default front of an item with more than one front with the same surface area

Determining the Height, Width, and Depth

After the Default Front has been determined, it is possible to determine the height, width, and depth of an item. While facing the Default Front:

- Height: from the base to the top
- Width: from the left to the right
- Depth: from the front to the back



Height, width, and depth of an item

After the height, width and depth have been determined, the dimensions can be measured. Always measure the maximum distance, i.e. include things such as projections, caps, lids, and complimentary products (e.g. on-packs, collectables, or samples) in the measurement.

Non-Consumer Trade Items

These trade items are identified with a GTIN and are intended for General Distribution scanning. This includes outer cases up to the largest form of bulk packaging for trade items and may include pallets or units such as sea containers if they are explicitly traded. The orientation of a Non-Consumer Trade Item to determine dimensions will not be dependent on how it is shipped. Take note that for Non-Consumer Trade Items, the terms Depth and Length may be used interchangeably.

Trade items that are otherwise identical to those intended to cross point of sale, but not identified with a bar code approved for point of sale scanning, will be measured as non-consumer trade items. Examples include condiments and cleaning materials used in foodservice applications. Always measure the maximum distance, i.e. include things such as projections, caps, lids etc. in the measurement.

- If the trade item is barcoded, and marked to pass point of sale, measure as per [Consumer \(End-User\) Trade Items](#) in [Appendix D – Product Measurements](#).

Determining the Natural Base

First, the Natural Base of the non-consumer trade item must be identified before the height, width and depth of the non-consumer trade item can be determined. The Natural Base is the natural underside of the packaged item pre-shipment (e.g. case).

Determine if case markings point to natural base orientation. If text, arrows or other graphics printed on the item may indicate a top or bottom orientation, they take precedence in determining the Natural Base.

- Important: If the position of a logo or product mark does not indicate top or bottom orientation, it is not used to determine Natural Base.

After it has been established which side is the Natural Base, the height, width and depth of the non-consumer trade item can be determined.

- Height: the distance between the Natural Base of the non-consumer trade item and the top.
- Width: the shorter side of the natural base of the non-consumer trade item
- Depth/Length: the longer side of the natural base of the non-consumer trade item.

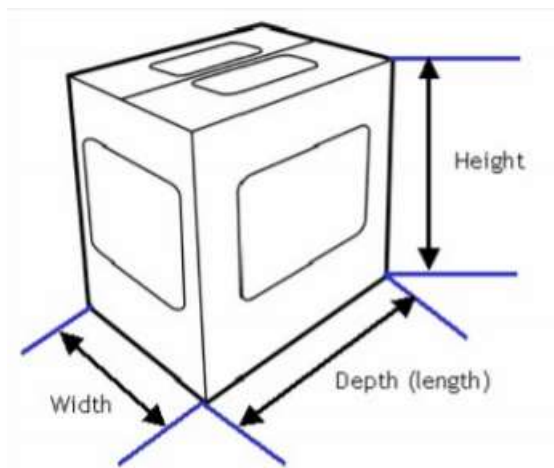
Remarks, Exceptions:

- In case of a square base there is no shortest or longest side. Width and depth are then identical.
- Make sure you capture any protrusions that may extend the above, such as handles.
- When measuring a trade item, the maximum measure should be recorded for any given dimension.

The Natural Base cannot be identified

When there are no case markings and the Natural Base cannot be identified, then Width and Depth/Length define the Natural Base and the measurement of a Non - Consumer Trade Item is as follows:

- Height is the shortest dimension
- Width is the next longest dimension
- Depth/Length is the longest dimension



Dimensions of non-consumer trade items (e.g. case unit)

Pallet Information

When loading data onto the NPC, Pallet information such as pallet dimensions and weights are populated within the Case Unit.

[\(Return to section 2.3 – Product Measurement Rules\)](#)

APPENDIX E – Item and Price Data Examples

Please note that this chapter provides data examples of most but not all item and price attributes.

Item Data Examples

Product ID & Classification

Product ID	
GTIN	19312345123473
Additional Trade Item Identification Value	1234
Additional Trade Item Identification Type	SUPPLIER_ASSIGNED
Trade Item Unit Descriptor Code	CASE
Target Market Country Code	036 – Australia
Information Provider GLN	9312345502417
Information Provider Name	GS1 AU Foods
Brand Name	GS1 AU
Functional Name	Cookies
Variant Description	Double Chocolate
Trade Item Description	GS1 AU Double Chocolate Cookies 175g x 4
Short Description	Double Chocolate Cookies
Trade Item Country of Origin	036 – Australia
Trade Item Group Identification Code	CHOC
Trade Item Group Identification Code Description	Chocolate Cookies
GTIN of Base Unit	09312345123452
Number of Base Units	4
Number of Layers of Product within the Trade Item	2
Units in width of layer	2
Units in depth of layer	1
GPC Category Code (Brick Level)	10000045
UNSPSC v8.1201 (Commodity Level)	50161511

(Return to [3.1 Product ID & Classification](#) or [3.5 Base & Config](#))

Product Characteristics

Product Characteristics	
Is Trade Item A Base Unit?	No
Is Trade Item A Consumer Unit?	No
Is Trade Item A Despatch Unit?	Yes
Is Trade Item An Invoice Unit?	Yes
Is Trade Item An Orderable Unit?	Yes
Is Trade Item A Variable Unit?	No
Product Height	220
Product Height UoM	MMT - Millimetres
Product Width	85
Product Width UoM	MMT - Millimetres
Product Depth	85
Product Width UoM	MMT - Millimetres
Product Net Weight	0.75
Product Net Weight UoM	KGM - Kilograms
Product Gross Weight	1.49
Product Gross Weight UoM	KGM – Kilograms
Net Content	750
Net Content UoM	MLT - Millilitres
Trade Item Genetically Modified Declaration Code	FREE_FROM

(Return to [3.2 Product Characteristics](#))

Ordering & Selling

Ordering & Selling (applicable to order unit)	
Order Quantity Minimum	1
Order Quantity Multiple	1
Ordering Lead Time	5
Ordering Lead Time UoM	DAY – Days
Selling Unit of Measure	EA

(Return to [3.2 Product Characteristics](#) or [3.7 Logistics & Pallet](#))

Tax

Tax	
Duty Fee Tax Agency Code	ATO
Duty Fee Tax Rate	10
Duty Fee Tax Type Code	GST
Duty Fee Tax Type Description	Goods and Services Tax

(Return to [3.3 Tax](#))

Dates

Dates	
Community Visibility Date/Time	2017-03-21 00:00
Publication Date/Time	2017-03-21 00:00
Effective Date/Time	2017-03-21 00:00
Start Availability Date/Time	2017-03-28 00:00
First Order Date/Time	2017-03-28 00:00
Seasonal Start Date/Time	2017-03-01 00:00
Seasonal End Date/Time	2017-06-01 00:00

(Return to [3.4 Dates](#))

Packaging

Packaging	
Packaging Type Code	CT – Carton
Packaging Type Description	Carton
Packaging Material Type Code	CORRUGATED_BOARD_SINGLE_WALL – Single Wall Corrugated Board
Packaging Material Composition Quantity	0.28
Packaging Material Composition UoM	KGM - Kilogram
Is Packaging Marked Returnable?	false - No

(Return to [3.6 Packaging](#))

Storage

Storage	
Minimum Temperature	-20
Minimum Temperature UoM	CEL – Celsius
Maximum Temperature	20
Maximum Temperature UoM	CEL – Celsius
Minimum Lifespan from time of Production	999 days
Minimum Lifespan from time of Arrival	950 days

(Return to [3.2 Product Characteristics](#) or [3.7 Logistics & Pallet](#))

Pallet Information

Pallet Information (if applicable, populate at CASE level)	
Quantity of Trade Items per Pallet Layer	12
Quantity of Layers Per Pallet	5
Quantity of Trade Items Per Pallet	60
Base Units per Pallet	1500
Pallet Height	1190
Pallet Width	1175
Pallet Depth	1175
Pallet Volume	1.428
Pallet Net Weight	300
Pallet Gross Weight	420

(Return to [3.7 Logistics & Pallet](#))

Price Data Examples

Price	
Price Type	LIST_PRICE
Price Action Reason	NI – The introduction of a new item
Price Value	175
Price Basis Quantity	1
Price Basis Quantity UoM	EA
Alternate Location	FAR_NORTH_QUEENSLAND – Far North Queensland (Applicable to DSD Woolworths Suppliers)
Distribution Method	DSD – Direct Store Delivery
Start Date/Time	2017-03-21 00:00
End Date/Time	2019-12-31 23:59

Reference Document ID	EXCEPTION (Applicable to Woolworths Suppliers)
Reference Document Description	EXCEPTION_PRICE (Applicable to Woolworths Suppliers)

(Return to [3.26 Price Attributes](#))

APPENDIX G – Global Data Synchronisation Network (GDSN) Choreography

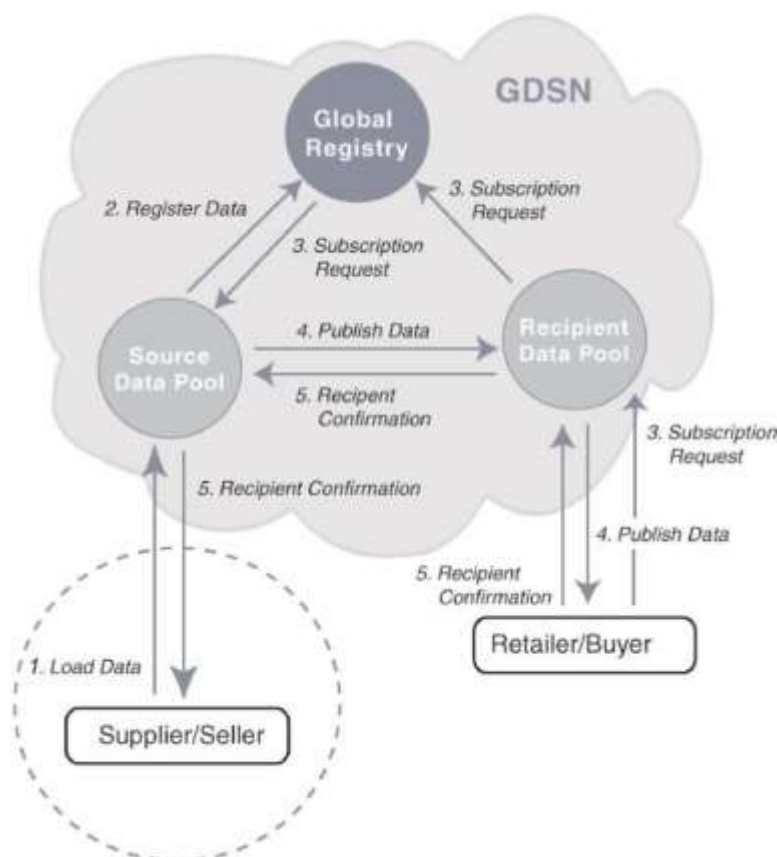
A Publisher creates a trade item ("item") with the required master data ("item data") and sends it to the GDSN Source Data Pool (by publishing it to either an entire target market or to receivers; i.e. Recipients). The item is registered within the Global Registry from the Source Data Pool and published to receivers (i.e. Recipients) who have subscribed to this data.

A Recipient subscribes to the item data they want to receive via their GDSN Recipient Data Pool. They can specify data by target market, GPC, information provider and/or GTIN.

Via the Global Registry this subscription is sent to the Source Data Pool that hosts this data. The Source Data Pool then delivers the subscribed data to the Recipient Data Pool by CIN (Catalogue Item Notification) messages.

The Recipient receives item data from there and can now check and synchronise it or ask for a revision by the Publisher. Via the Recipient Data Pool, they send a CIC (Catalogue Item Confirmation) message to the Source Data Pool that is received by the Publisher, who then ensures the necessary steps are taken to correct and/or update the data.

The below diagram visually illustrates the choreography between the NPC Publisher (inside the dotted circle), the GDSN and the Recipients/Retailers.



Global Data Synchronisation Network flow chart

(Return to [1.1 What is National Product Catalogue?](#))