

Health System Catalogue (HSC) Supplier Data Attribute Requirements

August 2021

1. Purpose

The purpose of this document is to communicate the supplier, item and price attributes that are required for the initial creation and maintenance the Health System Catalogue.

2. HSC Supplier Data Attribute Requirements – Medical Devices

Key: **Y** = Mandatory, **Y#** = can be defaulted if unavailable, **R** = Required, if applicable to the product

Trade Item Attributes (51 Attributes in Total, 37 Mandatory [8 can be defaulted], 14 Required if applicable)

HSC Label Name	Description	Business Rules/ Guide to use	Status
Additional Trade Item Classification Code Description	To be used for UNSPSC code description.		Y
Additional Trade Item Classification Code Value	To be used for UNSPSC code value.	UNSPC Code v19. Xx	Y
Additional Trade Item Classification System Code	To be used for UNSPSC system code.		Y
Additional Trade Item Classification Version	To be used for UNSPSC version.		Y
Additional Trade Item Identification Type	Other identifying codes or references that are used to identify your trade item other than GTIN.	Default value to "SUPPLIER_ASSIGNED"	Y
Additional Trade Item Identification Value	The value related to the Trade Item Type above (i.e. the code or reference)	Vendor's Internal Product Identifier or 'Supplier Part Number'.	Y
Brand Name	The distinctive name of a product, the word part of a trademark, or the name of the manufacturer.		Y
Effective Date Time	Date and time when the current attributes of the trade item become valid.		Y
First Order Date Time	The earliest date that an order can be placed for the item.		Y
Functional Name	Describes use of the product by the consumer. Should help clarify the product classification associated with the GTIN		Y
GPC Category Code	8 digit code, mandatory for the NPC as they are a key component of the GDSN. For more information on the GPC codes view: http://www.gs1.org/gdsn/gpc	The code for the lowest category level (brick) must be selected.	Y
GTIN (Global Trade Item Number)	Commonly referred to as a barcode number, this uniquely identifies a trade item. Valid GTINs in the NPC are: GTIN-14, GTIN-13, GTIN-12, GTIN-8. A GTIN on the NPC must always be entered with 14 digits.	Use leading zeros for GTINs with less than 14 digits.	Y
Information Provider GLN	The GLN of the information owner or publisher.		Y
Information Provider Name	The name of the information owner or publisher.		Y

HSC Label Name	Description	Business Rules/ Guide to use	Status
Is Trade Item A Base Unit?	An indicator identifying the trade item as the base unit level of the trade item hierarchy.		Y
Is Trade Item A Consumer Unit?	Identifies whether item is to be used by an end user, as determined by the manufacturer.		Y
Is trade Item a Dangerous Good?	This flag is used to indicate if the trade item is considered a dangerous good.		Y
Is Trade Item a Despatch Unit?	Specifies if the trade item is a dispatch (shipping) unit. There can be multiple dispatch units in a hierarchy.		Y
Is Trade Item a Hazardous Good?	This flag is used to indicate if the trade item is considered a hazardous good.		Y
Is Trade Item A Variable Unit?	Specifies if the trade item quantity is variable in weight or quantity.		Y
Is Trade Item an Invoice Unit?	Identifies that the information provider considers the trade item as an invoice unit.		Y
Is Trade Item an Orderable Unit?	An indicator identifying that the information provider considers this trade item to be at a hierarchy level where they will accept orders from customers.		Y
Manufacturer internal Reference	Used to identify the internal reference or product number allocated to the product by the manufacturer of the item.		Y
Manufacturer Name	This field is used to identify the name of the manufacturer of the Item or product.		Y
Product Depth	The measurement from front to back of the trade item. For a consumer item, from front to back, in its packaging. For non-consumer units, the longest side, in its packaging.	<i>Can be defaulted if unavailable</i>	Y#
Product Depth / UOM	The unit of measure (e.g. mm, cm).	<i>Can be defaulted if unavailable</i>	Y#
Product Gross Weight	Specifies the weight of the trade item, including all packaging materials.	<i>Can be defaulted if unavailable</i>	Y#
Product Gross Weight / UOM	The unit of measure (e.g. grams, kg).	<i>Can be defaulted if unavailable</i>	Y#
Product Height	The vertical dimensions of the trade item – from the lowest to the highest extremity, including packaging.	<i>Can be defaulted if unavailable</i>	Y#
Product Height / UOM	The unit of measure (e.g. mm, cm).	<i>Can be defaulted if unavailable</i>	Y#
Product Width	For consumer items, the measurement from left to right of the trade item, in its packaging. For non-consumer items, it is the shortest side of the item, in its packaging.	<i>Can be defaulted if unavailable</i>	Y#
Product Width / UOM	The unit of measure (e.g. mm, cm).	<i>Can be defaulted if unavailable</i>	Y#
Start Availability Date Time	The date and time when the trade item becomes available.		Y
Target Market Country Code	Indicates where the information provider makes the item available to Recipients. The Information Provider GLN + GTIN + this attribute uniquely identifies a trade item.	<i>The target market code for New Zealand is '554'.</i>	Y
Trade Item Country of Origin	The country code(s) where the goods are produced.		Y
Trade Item Description	The description of the item. This attribute should be the concatenation of attribute values for Brand, Sub Brand, Functional Name and Variant Description.		Y
Trade Item Unit Descriptor Code (base, inner, case)	Describes the hierarchical level of the trade item.		Y

HSC Label Name	Description	Business Rules/ Guide to use	Status
Child GTIN	Required for all units except Base Units. This is the GTIN for the next lower-level trade item in the hierarchy. For base units it must be null. For inner packs, it is the GTIN of the Base Unit. For Cases, it is the GTIN of the Inner pack (3-level hierarchy) or Base Units (2-level hierarchy).	<i>Refer Appendix 1 for illustration of Product Hierarchies.</i>	R
Child Quantity	Required for all units except Base Units. This is the number of Child GTINs. For base units it must be null. For inner packs, it is the number of Base Units. For Cases, it is the number of Inner Packs (3-level hierarchy) or Base Units (2-level hierarchy).	<i>Refer Appendix 1 for illustration of Product Hierarchies.</i>	R
End Availability Date Time	The date when the trade item is no longer available from the Supplier (information provider).		R
GTIN of Base Unit	GTIN of the lowest level of product contained within the family hierarchy. Only required where item not a base unit.		R
HIBC Code	An alternative product labelling to the GTIN		R
MedSafe Risk Classification	For medical devices used within NZ healthcare, the Medsafe risk classification code.		R
Net Content	The amount of the trade item contained by a package as claimed on the label. It's important that the value here matches the label claim exactly.		R
Net Content / UOM	The unit of measure (e.g. each).		R
Number of Base Units	A reference to the number of GTINs of the lowest level of product contained within this product's family hierarchy.		R
NZ Medicines Terminology Code	For medicines used within NZ Healthcare, the CTPP (Containerised Trade Product Pack) code assigned by NZULM (New Zealand Universal List of Medicines).		R
Sub Brand	Second level of brand; can be a trademark. It is the primary differentiating factor that a brand owner wants to communicate to the Recipient.		R
Trade Item Trade Channel Code	Required if applicable where products such as medicines, medical devices and healthcare consumables are used for the direct delivery of healthcare services		R
Variant Description	Text that identifies the variant of the trade item. Variants are the distinguishing characteristics that differentiate products with the same brand and size.		R
WAND Number	For medical devices used within NZ healthcare, the identification code assigned from the WAND (Web Assisted Notification of Devices) database.		R

For Dangerous and/or Hazardous Goods (11 Attributes required if applicable)

HSC Label Name	Description	Business Rules/ Guide to use	Status
Class of Dangerous Goods	Dangerous goods classification of the trade item. Dangerous good or hazardous attributes relate to supply chain handling, e.g., transport, storage handling.		R
Dangerous Goods Hazardous Code	Dangerous goods hazard ID number, must be applied to the vehicle when transporting this trade item.		R
Dangerous Goods Regulation Code	Code indicating the classification system(s) of dangerous goods or Agency(ies) responsible for it.		R
Dangerous Goods Shipping Name	Shipping name of the trade item (dangerous goods). The recognized agencies, in their regulations, provide a list of all acceptable shipping names.		R
Dangerous Goods Technical Name	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).		R
GHS Hazard Category	The defined GHS Hazard Category for the trade item.		R
Handling Instructions Code	A code that defines the processes required to safely handle the trade item.		R
HSNO Approval Number	In order to meet the requirements of the Hazardous Substances and New Organisms (HSNO) standard you will need to use this attribute to communicate the HSNO Approval Number (Group Standard Number).		R
HSNO Classification	In order to meet the requirements of the Hazardous Substances and New Organisms (HSNO) standard you will need to use this attribute to communicate Substance category/Classification code.		R
SDS Issue Date	The date on which the Safety Data Sheet (SDS) is issued. A SDS is a document containing important information about a hazardous substance and/or dangerous good).		R
United Nations Dangerous Goods Number	The four-digit number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods to classify a substance or groups of substances.		R

Pricing Attributes (21 Attributes in Total, 12 Mandatory, 9 Required if applicable)

HSC Label Name	Description	Business Rules/ Guide to use	Status
Distribution Method Code	The agreed point in the supply chain where the Supplier makes the goods available to the Recipient.	<i>e.g. "DC" - Distribution Centre</i>	Y
Effective Start Date Context Code	Indicates the related circumstances associated with the Effective Start Date/Time for the price component.	<i>e.g. "FIRST_ORDER_DATE"</i>	Y
Effective Start Date Time	First day that this pricing component becomes effective.	<i>Trade item price effective start date</i>	Y
Price Action Code	A code assigned by the supplier to indicate the reason for sending the price information. The data recipient uses this code to determine the action associated with each price component; the addition of a new record, modification of an existing record or the correction of an existing record.		Y
Price Action Reason	Reason as to why an action related to a Price Type has occurred.	<i>e.g. "NI" - New Item</i>	Y
Price Basis Quantity	Qualifies the price with a "price per" quantity and a unit of measure indicating what the price and price quantity applies to. A unit of measure must always be selected.	<i>Pricing to be on an EACH basis against the appropriate GTIN.</i>	Y
Price Basis Quantity / UOM	The unit of measure (e.g. each).		Y
Price Type Application Sequence	Order in which the value associated with a Price Type is applied when calculating the net invoice price. 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)		Y
Price Type Code	This code indicates the kind or class of a price component.	<i>MUST have first order date if Transaction Price is used.</i>	Y
Price Value	Value amount of the pricing. Pricing on the National Product Catalogue is GST Exclusive.	<i>Price Value Unit of Measure (UOM) is NOT Required</i>	Y
Price Value Type	Classification of the price component that determines how to apply the amount. Valid values are: - PERCENT – A part of a whole expressed in hundredths. - VALUE – A numerical quantity that is assigned or is determined by calculation or measurement.		Y
Recipient GLN	This is the GLN of the Recipient. Each pricing record on the NPC must be recorded against a particular Recipient. The Publisher to enter separate pricing records per Recipient.	<i>Refer to Table 1.</i>	Y

HSC Label Name	Description	Business Rules/ Guide to use	Status
Bracket Range Qualifier Code	Specify the type of range that determines the bracket.		R
Bracket Tier Maximum	The upper limit of the bracket. This value must be a positive number. NOTE: Bracket Tier Min and Max may also be referred to as 'Quantity Breaks'.	<i>Required for volume-based pricing.</i>	R
Bracket Tier Maximum / UOM	The unit of measure (e.g. each).		R
Bracket Tier Minimum	The lower limit of the bracket. This value must be a positive number. NOTE: Bracket Tier Min and Max may also be referred to as 'Quantity Breaks'	<i>Required for volume-based pricing.</i>	R
Bracket Tier Minimum / UOM	The unit of measure (e.g. each).		R
Effective End Date Time	Last day that this pricing component is effective.		R
Reference Document Description	A text field used to describe a contract or other document which contains information about agreement conditions.		R
Reference Document ID	Required if Reference Document Description populated.		R
Ship To GLN	The 'Ship To' attribute allows a Publisher to create unique price records for the destination location(s) or entity(s).	<i>The location where the pricing applies. Refer to Table 1.</i>	R

TABLE 1: GLN Codes

Entity	GLN
HSC National Price	9429000098137
Health Source	9429000098076
Northland DHB	9429000097871
Waitemata DHB	9429000097888
Auckland DHB	9429000097895
Counties Manukau DHB	9429000097901
Waikato DHB	9429000097918
Bay of Plenty DHB	9429000097925
Lakes DHB	9429000097932
Hawkes Bay DHB	9429000097949
Tairāwhiti DHB	9429000097956

Entity	GLN
Mid Central DHB	9429000097963
Wanganui DHB	9429000097970
Taranaki DHB	9429000097987
Wairarapa DHB	9429000097994
Hutt Valley DHB	9429000098007
Capital and Coast DHB	9429000098014
Nelson Marlborough DHB	9429000098021
West Coast DHB	9429000098038
Canterbury DHB	9429000098045
South Canterbury DHB	9429000098052
Southern DHB	9429000098069

APPENDIX 1 – Packaging Hierarchy Example

Product hierarchies can be set up according to:

- Single Level Packaging: Item has a **base** unit only
- 2-level Packaging: Item has a **base** and a **case**; each level will have its own GTIN
- 3-level Packaging: Item has a **base**, an **inner pack** and a **case**; each level will have its own GTIN



Scenario	Base unit is a single use 1EA Balloon Catheter	Base unit for this product is a box of 100 single gloves		Base unit for this product is the single patient use of a syringe of 3mLs of Saline 1EA		
GTIN	07640132622058	09340232006342	09340236465602	00382903065738	30382903065739	50382903065733
Item Description	Acrostak Across HP Coronary Balloon Catheter 2.0 x 10MM	Promed Medical Exam Gloves Vinyl P/Free N/S Medium 100Pc	Promed Medical Exam Gloves Vinyl P/Free N/S Medium 1000Pc	Bd Posiflush Pre-Filled Saline Syringe 3 Millilitre	Bd Posiflush Pre-Filled Saline Syringe 3 Millilitre X 30	Bd Posiflush Pre-Filled Saline Syringe 3 Millilitre X 480
Net Content UOM	EA	PIECE		MLT		
Net Content	1	100		3		
Number of base units			10		30	480
Trade Item Unit Descriptor	BASE_UNIT_OR_EACH	BASE_UNIT_OR_EACH	CASE	BASE_UNIT_OR_EACH	PACK_OR_INNER_PACK	CASE
Is Trade Item base unit	true	true	false	true	false	false
Manufacturer Name	Acrostak	Thermofisher Scientific Australia Pty Ltd	Thermofisher Scientific Australia Pty Ltd	BD	BD	BD
Manufacturer Part Number	200100350	PMD1301	PMD1301	306573	306573	306573
Functional Name	Coronary Balloon Catheter	Medical exam gloves	Medical exam gloves	Pre-filled Saline Syringe	Pre-filled Saline Syringe	Pre-filled Saline Syringe
Variant	2.0 x 10MM	vinyl p/free n/s medium	vinyl p/free n/s medium	3 Millilitre	3 Millilitre	3 Millilitre
Sub-Brand	Across HP			POSIFLUSH	POSIFLUSH	POSIFLUSH
Brand Name	Acrostak	Promed	Promed	BD	BD	BD
Is Trade Item A Consumer Unit?	true	true	true	true	false	false
Is Item a despatch unit	true	true	true	false	false	true
Is Item an invoice unit	true	true	true	false	true	false
Is Item an orderable unit	true	true	true	false	false	true
GTIN of Base Unit			09340232006342		00382903065738	00382903065738