



HFSS GS1 data standards usage guide

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1 Introduction

Obesity is one of the biggest health problems that the UK faces. The UK government plan to halve child obesity by 2030. Product promotions strongly influence purchase decisions and are skewed towards less healthy options. It has been identified that volume promotions increase purchases by 20%. In 2018 the UK government announced its intention to ban promotions of products that are high in fat sugar or salt (HFSS) by location and price. New obesity strategy unveiled in 2020 centred around supporting adults as well as children to lose weight. Following consultation in 2019 the government announced at the end of December 2020 [legislation to restrict promotions](#) of HFSS products from April 2022.

To support the HFSS regulation food supply chain organisations need readily available, accessible product data gathered from multiple sources in a common format. There are many product data aggregation services that provide product data gathering and communication, but not necessarily under a common business definition and structure.

GS1 is an independent body which provides globally recognised open standards to support business communications globally and locally. GS1 has 115 not-for-profit Member Organisations operating across 150 countries supporting more than two million members worldwide. Developed and maintained collaboratively by industry users, GS1 standards enable a common language to be shared between and within organisations helping them improve performance and safety. [GS1 UK](#) supports more than 50,000 members across many sectors, including retail and food service.

The GS1 data standard can provide the industry with the opportunity to provide the HFSS information requirement in a common business definition and structure.

2 Document Purpose

The purpose of this document is to provide guidance for the use of specific GS1 standard data attributes that support the UK government HFSS program.

It's target audience are the nutritional, legal and information technology practitioners who have responsibility to meet the UK government HFSS regulation for an organisation that is currently using a GS1 standards enabled product data sharing solution e.g., [GDSN](#), [productDNA](#)

The document considers the HFSS information and outlines the GS1 data attributes needed to meet specific HFSS requirements. It does not discuss the calculation of the HFSS nutrient profile score. This is performed by the trading partner using the information provided in structured GS1 data attributes.

Readers of this document should refer to other sources of information (referenced through the embedded links) to gain a greater knowledge depth of the HFSS regulation and the wider GS1 product data standards.

3 The HFSS information requirement

HFSS products are foods or drinks classified as high in fat, sugar or salt by the department of health 2004 [nutrient profiling model](#). This model balances less favourable nutrients or A points (energy, saturated fat, sugar, and sodium) against more favourable nutrients or C points (fruit, Vegetables and nuts, fibre, and protein). The calculation of $A - C =$ the *nutrient profile score*.

Foods scoring 4 points or more and drinks scoring 1 point or more are classified as less healthy and must adhere to HFSS regulation.

The following information is required to [calculate](#) the nutrient profile score:

- Energy (kJ)
- Saturated Fat (g)
- Total Sugar (g)
- Sodium (mg)
- Fruit, Vegetables and Nuts (%)
- Non-Starch Polysaccharides (NSP) or Association of Official Agricultural Chemists (AOAC) fibre (g)
- Protein (g)

Profiling also requires product information on the:

- Product Preparation State
- Product Preparation Instructions

The following product categories are within the scope for promotional restrictions:

- Soft drinks including milk-based drinks and juice-based drinks with added sugar
- Crisps and savoury snacks
- Breakfast cereals
- Confectionery including chocolate and sweets
- Ice cream including ice lollies, frozen yoghurt, water ices, and similar products
- Cakes and cupcakes
- Sweet biscuits
- Morning goods
- Desserts and puddings
- Yoghurts and fromage frais
- Pizzas
- Chips and potato products
- Ready Meals
- Meal centres
- Breaded and batter products

Note:

The specific gravity of liquids for conversion from millimetre to gram measurement is not covered in this document.

4 The GS1 data standards for the HFSS requirement

Sellers of product (manufacturers) are responsible for identifying their products as subject to the HFSS regulation. Using the GS1 global standard data attributes they can provide their buyers with the product nutrient profile score and the related nutrient information.

Buyers of product (retailers, food service operators) are responsible for compliance with the UK government HFSS regulation when they sell products whether branded or own-brand to consumers.

Buyers of product may choose to confirm the seller's product nutrient profile score using the HFSS related nutrient information provided.

The [GS1 Global Data Model \(GDM\)](#) clarifies the data requirements between sellers and buyers in the food supply chain by defining the attributes needed to list and sell products in a given market.

These structured attributes are based upon the [GS1 Global Data Dictionary \(GDD\)](#) using the [GS1 Business Message Standard \(BMS\)](#) and include the product nutrient information required for the HFSS requirement. These data attributes are applicable for both branded and own-brand product information.

Please refer to the [GS1 Global Data Model standard document](#) for the definitions and background of the tables in this section.

4.1 Providing the product nutrient information for HFSS

Each [nutrient requirement for HFSS](#) is established using a group of four standard data attributes. These data attributes are used to express

- what the nutrient is – using a **nutrient code**
- how much of the nutrient is in the product – **nutrient quantity**
- the measurement basis for that value – the **nutrient basis**
- and whether the measurement basis is a serving size or a specific measurement – the **nutrient basis type code**

These data attributes can be expressed for the whole product (e.g., a chocolate bar) or for each component of the product (e.g., different chocolate bars in a multipack, the components of a ready meal).

The attributes are repeatable for each measurement basis.

The population of these four data attributes, including a zero quantity, is *required* to support the HFSS regulation.

It should be noted that for packaged products the information printed on the pack (e.g., the nutrition panel) may not display the complete set of information required to support the HFSS requirement.

4.1.1 HFSS A points

The table below shows the relationship between the [HFSS A](#) information requirement and the data attributes defined in the GDM.

HFSS	GS1 Global Data Model Standard				
Data Requirement	BMS ID	Attribute Business name	Attribute Business definition	Example	Usage Statement
Energy (kJ)	1733	Nutrient Code	The code that represents a nutrient or energy element that is found in the product	ENER-	Used to inform the consumer and the retailer of the nutrient or energy elements that are found in the product.
	1734	Nutrient Quantity	The value that indicates the amount of nutrient element or energy contained in the product per defined quantity with its unit of measure.	106 KJ	Used to inform the consumer and the buyer of the nutrients and energy contained in a product and its unit of measure.
	1714	Nutrient Basis	The value, with its unit of measure, that forms the basis for referring to the nutrient content that appears on the product label.	100 grams	Used to inform the consumer of the basis value, with its defined unit of measure, used to calculate the amount of nutrients contained.
	1716	Nutrient Basis Type Code	The code that qualifies if the nutritional information is based on a set measure or a serving size.	BY_MEASURE or BY_SERVING	Used to inform the buyer and/or the consumer of the basis for the nutrient energy information. Used by the buyer for menu planning, recipe creation, analysis. Used in conjunction with Nutrient Basis.
Saturated Fat (g)	1733	Nutrient Code	The code that represents a nutrient or energy element that is found in the product	FASAT	Used to inform the consumer and the retailer of the nutrient or energy elements that are found in the product.
	1734	Nutrient Quantity	The value that indicates the amount of nutrient element or energy contained in the product per defined quantity with its unit of measure.	19.1 grams	Used to inform the consumer and the buyer of the nutrients and energy contained in a product and its unit of measure.
	1714	Nutrient Basis	The value, with its unit of measure, that forms the basis for referring to the nutrient content that appears on the product label.	100 grams	Used to inform the consumer of the basis value, with its defined unit of measure, used to calculate the amount of nutrients contained.
	1716	Nutrient Basis Type Code	The code that qualifies if the nutritional information is based on a set measure or a serving size.	BY_MEASURE or BY_SERVING	Used to inform the buyer and/or the consumer of the basis for the nutrient energy information. Used by the buyer for menu planning, recipe creation, analysis. Used in conjunction with Nutrient Basis.
Total Sugar (g)	1733	Nutrient Code	The code that represents a nutrient or energy element that is found in the product	SUGAR	Used to inform the consumer and the retailer of the nutrient or energy elements that are found in the product.
	1734	Nutrient Quantity	The value that indicates the amount of nutrient element or energy contained in the product per defined quantity with its unit of measure.	52.5 grams	Used to inform the consumer and the buyer of the nutrients and energy contained in a product and its unit of measure.
	1714	Nutrient Basis	The value, with its unit of measure, that forms the basis for referring to the nutrient content that appears on the product label.	100 grams	Used to inform the consumer of the basis value, with its defined unit of measure, used to calculate the amount of nutrients contained.
	1716	Nutrient Basis Type Code	The code that qualifies if the nutritional information is based on a set measure or a serving size.	BY_MEASURE or BY_SERVING	Used to inform the buyer and/or the consumer of the basis for the nutrient energy information. Used by the buyer for menu planning, recipe creation, analysis. Used in conjunction with Nutrient Basis.
Sodium (mg)	1733	Nutrient Code	The code that represents a nutrient or energy element that is found in the product	NA	Used to inform the consumer and the retailer of the nutrient or energy elements that are found in the product.
	1734	Nutrient Quantity	The value that indicates the amount of nutrient element or energy contained in the product per defined quantity with its unit of measure.	0.35 grams	Used to inform the consumer and the buyer of the nutrients and energy contained in a product and its unit of measure.
	1714	Nutrient Basis	The value, with its unit of measure, that forms the basis for referring to the nutrient content that appears on the product label.	100 grams	Used to inform the consumer of the basis value, with its defined unit of measure, used to calculate the amount of nutrients contained.
	1716	Nutrient Basis Type Code	The code that qualifies if the nutritional information is based on a set measure or a serving size.	BY_MEASURE or BY_SERVING	Used to inform the buyer and/or the consumer of the basis for the nutrient energy information. Used by the buyer for menu planning, recipe creation, analysis. Used in conjunction with Nutrient Basis.

4.1.2 HFSS C points

The table below shows the relationship between the [HFSS C](#) information requirement and the data attributes defined in the GDM.

The percentage of fruit, vegetables and nuts is expressed in the **ingredient statement** data attribute.

HFSS	GS1 Global Data Model Standard				
Data Requirement	BMS ID	Attribute Business name	Attribute Business definition	Example	Usage Statement
Fruit, Vegetables and Nuts (%)	1268	Ingredient Statement	The composition of the product that matches what appears on the package.	'Tomato (80%)'	Used to indicate to the consumer the composition of the product that may include allergens and contaminations.
	1733	Nutrient Code	The code that represents a nutrient or energy element that is found in the product	NSP	Used to inform the consumer and the retailer of the nutrient or energy elements that are found in the product.
	1734	Nutrient Quantity	The value that indicates the amount of nutrient element or energy contained in the product per defined quantity with its unit of measure.	5 grams	Used to inform the consumer and the buyer of the nutrients and energy contained in a product and its unit of measure.
	1714	Nutrient Basis	The value, with its unit of measure, that forms the basis for referring to the nutrient content that appears on the product label.	100 grams	Used to inform the consumer of the basis value, with its defined unit of measure, used to calculate the amount of nutrients contained.
NSP fibre (g)	1716	Nutrient Basis Type Code	The code that qualifies if the nutritional information is based on a set measure or a serving size.	BY_MEASURE or BY_SERVING	Used to inform the buyer and/or the consumer of the basis for the nutrient energy information. Used by the buyer for menu planning, recipe creation, analysis. Used in conjunction with Nutrient Basis.
	1733	Nutrient Code	The code that represents a nutrient or energy element that is found in the product	FIBTG	Used to inform the consumer and the retailer of the nutrient or energy elements that are found in the product.
	1734	Nutrient Quantity	The value that indicates the amount of nutrient element or energy contained in the product per defined quantity with its unit of measure.	12 grams	Used to inform the consumer and the buyer of the nutrients and energy contained in a product and its unit of measure.
	1714	Nutrient Basis	The value, with its unit of measure, that forms the basis for referring to the nutrient content that appears on the product label.	100 grams	Used to inform the consumer of the basis value, with its defined unit of measure, used to calculate the amount of nutrients contained.
AOAC fibre (g) (used when the NSP fibre value is not known)	1716	Nutrient Basis Type Code	The code that qualifies if the nutritional information is based on a set measure or a serving size.	BY_MEASURE or BY_SERVING	Used to inform the buyer and/or the consumer of the basis for the nutrient energy information. Used by the buyer for menu planning, recipe creation, analysis. Used in conjunction with Nutrient Basis.
	1733	Nutrient Code	The code that represents a nutrient or energy element that is found in the product	PRO-	Used to inform the consumer and the retailer of the nutrient or energy elements that are found in the product.
	1734	Nutrient Quantity	The value that indicates the amount of nutrient element or energy contained in the product per defined quantity with its unit of measure.	24 grams	Used to inform the consumer and the buyer of the nutrients and energy contained in a product and its unit of measure.
	1714	Nutrient Basis	The value, with its unit of measure, that forms the basis for referring to the nutrient content that appears on the product label.	100 grams	Used to inform the consumer of the basis value, with its defined unit of measure, used to calculate the amount of nutrients contained.
Protein (g)	1716	Nutrient Basis Type Code	The code that qualifies if the nutritional information is based on a set measure or a serving size.	BY_MEASURE or BY_SERVING	Used to inform the buyer and/or the consumer of the basis for the nutrient energy information. Used by the buyer for menu planning, recipe creation, analysis. Used in conjunction with Nutrient Basis.

4.1.3 Product preparation state for HFSS

The [nutrient profiling model](#) usually requires that scores be calculated for a product 'as sold'.

However, there are situations where the model requires the nutrient values to be based on the product being 'reconstituted' for consumption according to the manufacturer's instructions. E.g., squash concentrate drinks, custard powder, dried pasta and noodles, rice.

The nutritional preparation code data attribute is used to indicate whether the HFSS nutrient values are for the product 'as sold' or 'as consumed'. The population of this data attribute is *required*.

The preparation instructions data attribute is used to establish the manufacturer's instructions for product consumption. The population of this data attribute is *required* for the 'prepared' product.

HFSS	GS1 Global Data Model Standard				
Data Requirement	BMS ID	Attribute Business name	Attribute Business definition	Example	Usage Statement
Preparation State	1717	Nutritional Preparation Code	The code indicating whether the product is unaltered versus a product that has been altered by consumer preparation, in conjunction with the nutritional panel.	UNPREPARED or PREPARED	May be used by the consumer in conjunction with the nutritional panel to understand the differences in full nutritional values, prepared versus unprepared.
Preparation Instructions (used when the nutrient values are for the prepared product)	1377	Preparation Instructions	The instructions on how to prepare the product for consumption.	'Dilute part cordial with 10 parts water.'	Used by the buyer's customer service to answer questions about product preparation. Used by the buyer and the consumer to prepare the product for consumption.

4.2 Identifying the product category for HFSS

The [GS1 Global Product Classification](#) (GPC) classifies products by grouping them into categories based on their essential properties as well as their relationships to other products. Each product classification is designated by a unique code. Use the [GPC Browser](#) to identify the unique Global Product Category Code ('Brick') within a classification group.

The table below shows how the GPC code is defined in the GDM. The population of this data attribute is *required* to support the HFSS regulation.

See [Appendix](#) for the global product classification groups that are in scope for HFSS.

HFSS		GS1 Global Data Model Standard			
Data Requirement	BMS ID	Attribute Business name	Attribute Business definition	Example	Usage Statement
Product Category	161	Global Product Category Code	The code used to group products based on similar characteristics according to the GS1 Global Product Classification (GPC).	10000284 (Cereal products ready to eat that are shelf stable)	Used for multiple use cases such as data quality, category management, space management and workflow routing.

4.3 Providing the nutrient profile score for HFSS

The calculation of the nutrient profile score is performed by the trading partner using the information provided in structured GS1 data attributes in [section 4.1](#).

Different countries and regions have different governmental nutritional programs. The UK government HFSS program reference and the calculated score are conveyed in these GS1 standard data attributes.

These attributes are defined in the [GS1 Global Data Dictionary \(GDD\)](#) and in the [GS1 Business Message Standard \(BMS\)](#). They are used locally and are not defined in the [GS1 Global Data Model](#).

The population of these data attributes is *required* to support the HFSS regulation.

nutritionalProgramCode (BMS ID 268)

This attribute shall be populated with the code HFSS to show that the product is subject to the HFSS program (available in BMS standards release 3.1.17 (November 2021))

nutritionalValue (BMS ID 6160)

This decimal numeric attribute shall be populated with the calculated nutrient profile score.

5 Further support and information

Email GS1 UK at support@gs1uk.org – we aim to respond to all emails within 2 working days.

Or call us on freephone 0808 178 8799 or alternatively call +44 (0) 20 7092 3501.

Our team is usually available:

Monday to Thursday from 9:00am to 5:00pm (UK)

Friday 9:00am to 4:30pm (UK)

Saturday and Sunday we are closed

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6 Appendices

6.1 GS1 Global Product Classification (GPC) groups in scope for HFSS

This appendix seeks to help the user identify individual product category codes (“Bricks”) in scope of the HFSS products.

Beverages Variety Packs

10000623 Beverages Variety Packs

Non Alcoholic Beverages – Not Ready to Drink

10000178 Chocolate/Cocoa/Malt – Not Ready to Drink
10000310 Dairy Based Drinks – Not Ready to Drink (Shelf Stable)
10006974 Dairy Substitute Based Drinks - Not Ready to Drink (Shelf Stable)
10000202 Drinks Flavoured – Not Ready to Drink
10000307 Fruit Juice – Not Ready to Drink (Frozen)
10000308 Fruit Juice – Not Ready to Drink (Shelf Stable)
10000309 Fruit Juice Drinks – Not Ready to Drink (Shelf Stable)
10000593 Non Alcoholic Beverages Variety Packs – Not Ready to Drink
10000264 Sports Drinks – Rehydration (Not Ready to Drink)
10000311 Stimulants/Energy Drinks – Not Ready to Drink
10006253 Vegetable Juice – Not Ready to Drink (Frozen)
10006254 Vegetable Juice – Not Ready to Drink (Shelf Stable)
10006257 Vegetable Juice Drinks – Not Ready to Drink (Shelf Stable)

Non Alcoholic Beverages – Ready to Drink

10000179 Chocolate/Cocoa/Malt – Ready to Drink
10000191 Dairy Based Drinks – Ready to Drink (Perishable)
10000192 Dairy Based Drinks – Ready to Drink (Shelf Stable)
10006972 Dairy Substitute Based Drinks – Ready to Drink (Perishable)
10006973 Dairy Substitute Based Drinks - Ready to Drink (Shelf Stable)
10000201 Drinks Flavoured – Ready to Drink
10000219 Fruit Juice – Ready to Drink (Perishable)
10000220 Fruit Juice – Ready to Drink (Shelf Stable)
10000222 Fruit Juice Drinks – Ready to Drink (Perishable)
10000223 Fruit Juice Drinks – Ready to Drink (Shelf Stable)
10000594 Non-Alcoholic Beverages Variety Packs – Ready to Drink
10000265 Sports Drinks – Rehydration (Ready to Drink)
10000266 Stimulants/Energy Drinks – Ready to Drink
10006251 Vegetable Juice – Ready to Drink (Perishable)
10006252 Vegetable Juice – Ready to Drink (Shelf Stable)
10006255 Vegetable Juice Drinks – Ready to Drink (Perishable)
10006256 Vegetable Juice Drinks – Ready to Drink (Shelf Stable)

Biscuits/Cookies

10000304 Biscuits/Cookies (Frozen)
10000160 Biscuits/Cookies (Perishable)
10000161 Biscuits/Cookies (Shelf Stable)
10000596 Biscuits/Cookies Variety Packs
10000305 Dried Breads (Frozen)
10000166 Dried Breads (Shelf Stable)

Bread

10000163 Bread (Frozen)
10000164 Bread (Perishable)
10000165 Bread (Shelf Stable)

Bread/Bakery Products Variety Packs

10000598 Bread/Bakery Products Variety Packs

Savoury Bakery Products

10000248	Pies/Pastries/Pizzas/Quiches – Savoury (Frozen)
10000249	Pies/Pastries/Pizzas/Quiches – Savoury (Perishable)
10000250	Pies/Pastries/Pizzas/Quiches – Savoury (Shelf Stable)

Sweet Bakery Products

10000170	Cakes – Sweet (Frozen)
10000171	Cakes – Sweet (Perishable)
10000172	Cakes – Sweet (Shelf Stable)
10000245	Pies/Pastries – Sweet (Frozen)
10000246	Pies/Pastries – Sweet (Perishable)
10000247	Pies/Pastries – Sweet (Shelf Stable)
10000597	Sweet Bakery Products Variety Packs

Cereal/Grain/Pulse Products Variety Packs

10000601	Cereal/Grain/Pulse Products Variety Packs
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Grains/Flour

10000203	Flour – Cereal/Pulse (Shelf Stable)
10000314	Grains/Cereal – Not Ready to Eat – (Frozen)
10000315	Grains/Cereal – Not Ready to Eat – (Perishable)
10000211	Grains/Cereal – Not Ready to Eat – (Shelf Stable)
10000316	Grains/Cereal – Ready to Eat – (Perishable)
10000319	Grains/Cereal – Ready to Eat – (Shelf Stable)
10000599	Grains/Flour Variety Packs

Processed Cereal Products

10000286	Cereal Products – Ready to Eat (Perishable)
10000287	Cereal/Muesli Bars
10006250	Cereals Products – Not Ready to Eat (Frozen)
10000285	Cereals Products – Not Ready to Eat (Shelf Stable)
10000284	Cereals Products – Ready to Eat (Shelf Stable)
10000600	Processed Cereal Products Variety Packs
10008059	Protein Bars

Confectionery Products

10006390	Chewing Gum
10000045	Chocolate and Chocolate/Sugar Candy Combinations – Confectionery
10000602	Confectionery Products Variety Packs
10000047	Sugar Candy/Sugar Candy Substitutes Confectionery

Confectionery/Sugar Sweetening Products Variety Packs

10000622	Confectionery/Sugar Sweetening Products Variety Packs
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Sugars/Sugar Substitute Products

10000043	Sugar/Sugar Substitutes (Shelf Stable)
10000603	Sugars/Sugar Substitute Products Variety Packs
10000044	Syrup/Treacle/Molasses (Shelf Stable)

Butter/Butter Substitutes

10000167	Butter (Frozen)
10000168	Butter (Perishable)
10000169	Butter (Shelf Stable)
10006985	Dairy Spreads (Frozen)
10006984	Dairy Spreads (Perishable)
10006986	Dairy Spreads (Shelf Stable)
10006983	Margarine (Frozen)
10006982	Margarine (Perishable)
10006981	Margarine (Shelf Stable)
10006988	Mixed Fat Spreads (Frozen)

10006989 Mixed Fat Spreads (Perishable)
10006987 Mixed Fat Spreads (Shelf Stable)

Cheese/Cheese Substitutes

10000030 Cheese (Frozen)
10000028 Cheese (Perishable)
10000029 Cheese (Shelf Stable)
10006995 Cheese Substitutes (Frozen)
10006996 Cheese Substitutes (Perishable)
10006997 Cheese Substitutes (Shelf Stable)

Cream/Cream Substitutes

10000188 Cream (Frozen)
10000189 Cream (Perishable)
10000190 Cream (Shelf Stable)
10006975 Cream Substitute (Frozen)
10006976 Cream Substitute (Perishable)
10006977 Cream Substitute (Shelf Stable)

Desserts/Dessert Sauces/Toppings

10000216 Ice Cream/Ice Novelties (Shelf Stable)

Dough Based Products / Meals

10000301 Dough Based Products / Meals – Not Ready to Eat – Savoury (Frozen)
10000300 Dough Based Products / Meals – Not Ready to Eat – Savoury (Perishable)
10000302 Dough Based Products / Meals – Not Ready to Eat – Savoury (Shelf Stable)
10000298 Dough Based Products / Meals – Ready to Eat – Savoury (Perishable)
10000299 Dough Based Products / Meals – Ready to Eat – Savoury (Shelf Stable)
10006222 Dough Based Products / Meals Variety Packs

Grain Based Products / Meals

10000296 Grain Based Products / Meals – Not Ready to Eat – Savoury (Frozen)
10000295 Grain Based Products / Meals – Not Ready to Eat – Savoury (Perishable)
10000297 Grain Based Products / Meals – Not Ready to Eat – Savoury (Shelf Stable)
10000293 Grain Based Products / Meals – Ready to Eat – Savoury (Perishable)
10000294 Grain Based Products / Meals – Ready to Eat – Savoury (Shelf Stable)
10006228 Grain Based Products / Meals Variety Packs

Meat Substitutes

10005823 Meat Substitutes (Frozen)
10005824 Meat Substitutes (Perishable)
10005825 Meat Substitutes (Shelf Stable)
10006230 Meat Substitutes Variety Packs

Pasta/Noodles

10000318 Pasta/Noodles – Not Ready to Eat (Frozen)
10000317 Pasta/Noodles – Not Ready to Eat (Perishable)
10000242 Pasta/Noodles – Not Ready to Eat (Shelf Stable)
10000240 Pasta/Noodles – Ready to Eat (Perishable)
10000241 Pasta/Noodles – Ready to Eat (Shelf Stable)
10006219 Pasta/Noodles Variety Packs

Prepared Soups

10006314 Soup Additions (Frozen)
10006315 Soup Additions (Perishable)
10006316 Soup Additions (Shelf Stable)
10000260 Soups – Prepared (Frozen)
10000261 Soups – Prepared (Perishable)
10000262 Soups – Prepared (Shelf Stable)
10006216 Soups – Prepared Variety Packs

Prepared/Preserved Foods Variety Packs

10000613 Prepared/Preserved Foods Variety Packs

Ready-Made Combination Meals

10006748 Ready-Made Combination Meals – Not Ready to Eat (Frozen)
10006749 Ready-Made Combination Meals – Not Ready to Eat (Perishable)
10006750 Ready-Made Combination Meals – Not Ready to Eat (Shelf Stable)
10006754 Ready-Made Combination Meals – Not Ready to Eat Variety Packs
10006751 Ready-Made Combination Meals – Ready to Eat (Perishable)
10006752 Ready-Made Combination Meals – Ready to Eat (Shelf Stable)
10006753 Ready-Made Combination Meals – Ready to Eat Variety Packs

Sandwiches/Filled Rolls/Wraps

10000254 Sandwiches/Filled Rolls/Wraps (Frozen)
10000255 Sandwiches/Filled Rolls/Wraps (Perishable)
10006217 Sandwiches/Filled Rolls/Wraps Variety Packs

Snacks

10005822 Caramel/Toffee Apples
10000177 Chips/Crisps/Snack Mixes – Natural/Extruded (Shelf Stable)
10006746 Doodles/ Puffs
10000252 Popcorn (Shelf Stable)
10006747 Salt Sticks / Mini Pretzels
10007276 Snacks Other
10000612 Snacks Variety Packs

Sweet Spreads

10000187 Confectionery Based Spreads (Shelf Stable)
10000213 Honey (Shelf Stable)
10006848 Honey Substitutes
10000217 Jams/Marmalades (Shelf Stable)
10006837 Jams/Marmalades/Fruit Spreads (Perishable)
10000621 Sweet Spreads Variety Packs

Vegetable Based Products / Meals

10000291 Vegetable Based Products / Meals – Not Ready to Eat (Frozen)
10000290 Vegetable Based Products / Meals – Not Ready to Eat (Perishable)
10000292 Vegetable Based Products / Meals – Not Ready to Eat (Shelf Stable)
10000289 Vegetable Based Products / Meals – Ready to Eat (Perishable)
10000288 Vegetable Based Products / Meals – Ready to Eat (Shelf Stable)
10006221 Vegetable Based Products / Meals Variety Packs

6.2 HFSS information gathering

Use the template on the next page as an aide memoire to be completed for each product or product component. A value is required in the grey boxes; all other values can be defaulted as shown.

HFSS requirement	GS1 Data Attribute	Value
GTIN (Barcode Number)		
Product Description		
Energy (kJ)	Nutrient Code	ENER-
	Nutrient Quantity	
	Nutrient Basis	100 grams
	Nutrient Basis Type Code	BY_MEASURE
Saturated Fat (g)	Nutrient Code	FASAT
	Nutrient Quantity	
	Nutrient Basis	100 grams
	Nutrient Basis Type Code	BY_MEASURE
Total Sugar (g)	Nutrient Code	SUGAR
	Nutrient Quantity	
	Nutrient Basis	100 grams
	Nutrient Basis Type Code	BY_MEASURE
Sodium (mg)	Nutrient Code	NA
	Nutrient Quantity	
	Nutrient Basis	100 grams
	Nutrient Basis Type Code	BY_MEASURE
Fruit, Vegetables and Nuts (%)	Ingredient Statement	
NSP fibre (g)	Nutrient Code	NSP
	Nutrient Quantity	
	Nutrient Basis	100 grams
	Nutrient Basis Type Code	BY_MEASURE
AOAC fibre (g) (used when the NSP fibre value is not known)	Nutrient Code	FIBTG
	Nutrient Quantity	
	Nutrient Basis	100 grams
	Nutrient Basis Type Code	BY_MEASURE
Protein (g)	Nutrient Code	PRO-
	Nutrient Quantity	
	Nutrient Basis	100 grams
	Nutrient Basis Type Code	BY_MEASURE
Preparation State	Nutritional Preparation Code	
Preparation Instructions (used when the nutrient values are for the preparad product)	Preparation Instructions	
Product Category	Global Product Category Code	
HFSS programme	Nutritional Program Code	
HFSS Score	Nutritional Value	