



Bunzl

GDSN Implementation Guide

Version 1.0
October 2026

OVERVIEW

Bunzl requires all suppliers to be 100% compliant with the Foodservice GS1 Initiative. General information on the Initiative can be found at www.gs1us.org/industries/foodservice

This document is intended for all Bunzl suppliers who will be sending product data to Bunzl through the GDSN and have subscribed to a GDSN Certified Data Pool.

Suppliers currently publishing item information through the Global Data Synchronization Network (GDSN) for their Retail Trading Partners may need to populate additional data attributes to meet the Bunzl requirements.

Syndigo – Contacts

https://www.syndigo.com/support/gdsn-en/

Bunzl GLN Information

Production GLN: 1200202467987

Bunzl Data Synchronization Environment

Data Pool: Syndigo
System: Syndigo Portal

Bunzl – Contacts

datasync@bunzlusa.com

Product Images Guideline Updates

Bunzl needs a minimum of 4 High Resolution images for each sku. 1 Primary image and 3 or more Supporting images. The Primary image is the first and most important image on each product page. This image sets the customer's expectations. Supporting images help the customer to identify the product throughout its stages.

1a) Styled / Plated - **Primary** (food)
1b) Out of the Box - **Primary** (non-food)
2a) Raw Form (food) - **Supporting**
2b) Worn (non- food) - **Supporting**
3a) Inner Pack - **Supporting**
3b) Used (non-food) - **Supporting**
4) Open Case, showing Inner Packs - **Supporting**
5) Closed Case, showing Labels and Item Codes - **Supporting**

For High Resolution Images

Minimum image size per side: 200 mm (8.0 in.) (2400 pixels)
Maximum image size per side: 400 mm (16.0 in.) (4800 pixels)
File resolution: 300 dpi
Square aspect ratio is maintained (1:1) for automatic processing

Main Product Image must be populated for at least one level in the hierarchy

Publishing to Bunzl via the GDSN

Publications

1. Bunzl requires their Suppliers to publish all products that the Supplier would like to make available for sale to Bunzl. Items to include:
    a. Items Bunzl currently purchases
    b. Items that Supplier would like Bunzl to purchase in the future.
2. For the first Bunzl publication Suppliers to publish all products as "Initial Load".

Implementation Overview

The following outlines the key steps to implementation:

Implementation Steps

1. Initiate the GDSN trading partner relationship.
    a. Contact Syndigo to confirm your implementation option
    b. Review the list of required attributes in this document
    c. Bunzl will create a subscription based upon your GLN
2. Prepare product data for Publication.
3. Publish all products as "Initial Load".
4. Investigate and respond to "Review" CIC responses.
5. Ongoing publications to be sent as they are ready. To Inactivate a product, send as "CIHW Permanent (Delete)".

Catalog Item Confirmations (CIC's)

Bunzl will automatically return a CIC to the Supplier. The CIC sent will be based upon the following:

GDSN Response Messages:

Accepted: Transmission received and can be processed.

CIC Messages:

Received: product has been received and has passed Bunzl GDSN validations. This response will typically be sent within a few hours after receiving the publication.

Review: product does not pass Bunzl GDSN validations or product has failed Bunzl's audit process and therefore has data discrepancies to be reviewed and addressed. Reason for Review status will be transmitted in CIC999. This response may follow an Accept message and may take several days to resolve.

Synchronized: product has been ingested by Bunzl into its internal systems and will be updated as revisions occur. This response will be sent after all validations and audits have been successfully completed.

Rejected: product has been delisted by Bunzl. The item will revert to Eligible with a Received CIC status (if passing audit) or Review CIC status (if failing audit) the following week. If required, item can be published to Bunzl as a delete following the Received or Review CIC status.

Bunzl

GDSN Implementation Guide

Required Product Attributes — Version 1.0, September 2026

This document lists the GDSN attributes required by Bunzl for publication, organized by section (Core, Marketing, Nutrition, and Hazmat). Minimum Required for Publication reflects Bunzl's requirement set together with Bunzl's active GDSN validation rulesets. Allergen and Nutrient Label rows are presented per the standard Foodservice GS1 Initiative template used across recipients.

Legend: **M** = Mandatory **C** = Conditional (required in specific circumstances — see Notes) **R** = Recommended / Optional

Core Attributes

Core identification, packaging, and logistics attributes.

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1		Global Trade Item Number (GTIN)	gtin	**M**	
2		Trade Item Unit Descriptor Code (Packaging Level)	tradeItemUnitDescriptorCode	**M**	
3		Data Carrier Type Code	dataCarrierTypeCode	**M**	
4		GS1 Trade Item Identification Key Code	gs1TradeItemIdentificationKeyCode	**C**	GS1 Trade Item Identification Key Code is required when Data Carrier Type Code is not NO_BARCODE
5		GS1 Trade Item Identification Key Value	gs1TradeItemIdentificationKeyValue	**C**	UPC is required when Data Carrier Type Code is not NO_BARCODE
6		Supplier Assigned Product Code	additionalTradeItemIdentification with TypeCode = SUPPLIER_ASSIGNED	**R**	
7	**Additional Trade Item Identification**	additionalTradeItemIdentificationTypeValue	additionalTradeItemIdentification	**C**	Additional Trade Item Identification Value is required when Additional Trade Item Identification Type Code is present
8		additionalTradeItemIdentificationTypeCode	additionalTradeItemIdentification/@additionalTradeItemIdentificationTypeCode	**C**	Additional Trade Item Identification Type Code is required when Additional Trade Item Identification Value is present
9		Functional Name	functionalName	**M**	
10		Description Short	descriptionShort	**M**	
11		Trade Item Description	tradeItemDescription	**M**	
12		Target Market Country Code	targetMarketCountryCode	**M**	
13		GPC (Brick Code)	gpcCategoryCode	**M**	
14		Brand Name	brandName	**M**	

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
15		Sub Brand	subBrand	R	
16		Language Specific Brand Name	languageSpecificBrandName	R	
17		Language Specific Brand Name Language Code	languageSpecificBrandNameLanguageCode	R	
18		Information Provider GLN	InformationProviderOfTradeItem/gln	M	
19		Information Provider Name	InformationProviderOfTradeItem/partyName	M	
20		Manufacturer GLN	manufacturerOfTradeItem/gln	M	
21		Manufacturer Name	manufacturerOfTradeItem/partyName	M	
22		Brand Owner GLN	brandOwner/gln	C	Brand Owner GLN is required when Brand Owner Name is present
23		Brand Owner Name	brandOwner/partyName	C	Brand Owner Name is required when Brand Owner GLN is present
24		Quantity Of Complete Layers Contained In A Trade Item (Layers Per Pallet)	quantityOfCompleteLayersContainedInATradeItem	R	
25		Quantity Of Trade Items Contained In A Complete Layer (Items Per Pallet Layer)	quantityOfTradeItemsContainedInACompleteLayer	R	
26		Quantity Of Layers Per Pallet (NON-Pallet GTIN)	quantityOfLayersPerPallet	R	
27		Quantity Of Trade Items Per Pallet Layer (NON-Pallet GTIN)	quantityOfTradeItemsPerPalletLayer	R	
28		Quantity Of Inner Pack	quantityOfInnerPack	R	
29		Quantity Of Next Level Trade Item Within Inner Pack	quantityOfNextLevelTradeItemWithinInnerPack	R	
30		Net Content	netContent & netContent/@measurementUnitcode	C	
31		Net Content 2	netContent2 & netContent2UOM	C	
32		Net Content 3	netContent3 & netContent3UOM	C	
33		Individual Unit Minimum Size	individualUnitMinimumSize & individualUnitMinimumSize/@measurementUnitcode	C	Individual Unit Minimum is required when Individual Unit Minimum UOM is present
34		Individual Unit Maximum Size	individualUnitMaximumSize & individualUnitMaximumSize/@measurementUnitcode	C	Individual Unit Maximum is required when Individual Unit Maximum UOM is present
35		Net Weight	netWeight & netWeight/@measurementUnitCode	C	Net Weight is required when Net Weight UOM is present

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
36		Gross (Package) Weight	grossWeight & grossWeight/@measurementUnitCode	C	Package Weight is required when Package Weight UOM is present
37		Drained Weight	drainedWeight & drainedWeight/@measurementUnitCode	C	Drained Weight is required when Drained Weight UOM is present
38		Height	height & height/@measurementUnitcode	C	
39		Depth	depth & depth/@measurementUnitcode	C	
40		Width	width & width/@measurementUnitcode	C	
41		In Box Cube Dimension	inBoxCubeDimension & inBoxCubeDimension/@measurementUnitcode	C	In Box Cube Dimension is required when In Box Cube Dimension UOM is present
42		Diameter	diameter & diameterUOM	C	
43		Shipping Container Quantity Description	shippingContainerQuantityDescription	R	
44		Integration Item ID	additionalTradeItemIdentification	R	
45		Integration Manufacturer ID	Integration Manufacturer ID	R	
46		Integration Manufacturer Name	Integration Manufacturer Name	R	
47		Minimum Trade Item Lifespan From Time Of Production	minimumTradeItemLifespanFromTimeOfProduction	R	
48		Minimum Trade Item Lifespan From Time Of Arrival	minimumTradeItemLifespanFromTimeOfArrival	R	
49	**Temperatures**	TemperatureMaximum	maximumTemperature	C	Storage Handling Temperature Maximum is required when Storage Handling Temperature Maximum UOM is present
50		TemperatureMinimumUOM	minimumTemperature/@temperatureMeasurementUnitCode	C	Storage Handling Temperature Minimum UOM is required when Storage Handling Temperature Minimum is present
51		TemperatureMaximumUOM	maximumTemperature/@temperatureMeasurementUnitCode	C	Storage Handling Temperature Maximum UOM is required when Storage Handling Temperature Maximum is present
52		TemperatureMinimum	minimumTemperature	C	Storage Handling Temperature Minimum is required when Storage Handling Temperature Minimum UOM is present
53		Referenced Trade Item	referencedTradeItemAdditionalTradeItemIdentificationTypeCode & referencedGTIN & referencedTradeItemAdditionalTradeItemIdentificationValue & referencedTradeItemTypeCode	R	

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
54	**Place of Product Activity**	Country of Origin	countryOfOrigin/countryCode	C	Country of Origin is required
55		Brand Distribution Type Code	brandDistributionTypeCode	R	
56		Brand Distribution Trade Item Type Code	brandDistributionTradeItemTypeCode	R	
57	**Party In Role**	Party Role	partyRole	M	Party Role is mandatory when Party In Role record exists
58		Packaging Type	packagingTypeCode	M	Packaging Type is required when a Packaging Information record exists.
59		Platform Type	platformTypeCode	C	
60		Packaging Depth	packagingDepth	C	Packaging Depth is required when Packaging Depth UOM is present
61		packagingDepthUOM	packagingDepth/@measurementUnitCode	C	Packaging Depth UOM is required when Packaging Depth is present
62		Packaging Width	packagingWidth	C	Packaging Width is required when Packaging Width UOM is present
63		packagingWidthUOM	packagingWidth/@measurementUnitCode	C	Packaging Width UOM is required when Packaging Width is present
64		Packaging Height	packagingHeight	C	Packaging Height is required when Packaging Height UOM is present
65		packagingHeightUOM	packagingHeight/@measurement UnitCode	C	Packaging Height UOM is required when Packaging Height is present
66	**Packaging Information**	Packaging Weight	packagingWeight	C	Packaging Weight is required when Packaging Weight UOM is present
67		packagingWeightUOM	packagingWeight/@measurement UnitCode	C	Packaging Weight UOM is required when Packaging Weight is present
68		Packaging Material Composition Quantity	packagingMaterialCompositionQuantity	C	Packaging Material Composition Quantity is required when Packaging Material Composition Quantity UOM is present
69		packagingMaterialCompositionQuantity UOM	packagingMaterialCompositionQuantity/@measurementUnitCode	C	Packaging Material Composition Quantity UOM is required when Packaging Material Composition Quantity is present
70		Packaging Material Type Code	packagingMaterialTypeCode	M	Packaging Material Code is required when Packaging Material record exists.
71		Alternative Returnable Asset Identification Type	alternativeReturnableAssetIdentification/@additionalReturnableAssetIdentificationTypeCode	C	Alternative Returnable AssetIdentification is mandatory if Additional Returnable AssetIdentification Type Code is present
72		Alternative Returnable Asset Identification Value	alternativeReturnableAssetIdentification	C	

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
73		Trade Item Date On Packaging Type Code	tradeItemDateOnPackagingTypeCode	R	
74		Is Trade Item A Variable Unit (Package Quantity Can Vary)	isTradeItemAVariableUnit	M	
75		Variable Trade Item Type Code	variableTradeItemTypeCode	R	
76		Is Trade Item A Base Unit (Item is the Lowest Packaging Level)	isTradeItemABaseUnit	M	Item is the Lowest Packaging Level must be Yes at the Lowest level
77		Is Trade Item A Despatch Unit (Item is Shipped/Despatched at this Packaging Level)	isTradeItemADespatchUnit	M	
78		Is Trade Item A Consumer Unit (Item is Sold to the Consumer)	isTradeItemAConsumerUnit	M	
79		Is Trade Item An Invoice Unit (Item is Invoiced at this Packaging Level)	isTradeItemAnInvoiceUnit	M	
80		Is Trade Item An Orderable Unit (Item is Ordered at this Packaging Level)	isTradeItemAnOrderableUnit	M	Item is Ordered at this Packaging Level should be Yes in atleast one level
81		Is Non Sold Trade Item Returnable	isNonSoldTradeItemReturnable	R	
82		Has Batch Number	hasBatchNumber	R	
83		Is Packaging Marked Returnable	isPackagingMarkedReturnable	M	
84		Is Trade Item Marked As Recyclable	isTradeItemMarkedAsRecyclable	R	
85		Effective Date Time (Information Effective Date)	effectiveDateTime	M	
86		Start Availability Date Time (Is Trade Item Marked As Recyclable)	startAvailabilityDateTime	M	
87		End Availability Date Time	endAvailabilityDateTime	C	End Availability Date Time is required if canceledDate is present
88		Consumer First Availability Date Time	consumerFirstAvailabilityDateTime	R	
89		First Order Date Time	firstOrderDateTime	R	
90		First Ship Date Time	firstShipDateTime	R	
91		Cancelled Date Time	cancelledDateTime	C	
92		Discontinued Date Time	discontinuedDateTime	C	Discontinued Date Time and Cancelled Date Time shall not be used simultaneously.
93		Ordering Unit Measure (Order UOM)	orderingUnitOfMeasure	C	Order UOM is required if Selling UOM is present

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
94		Selling Unit Of Measure (Selling UOM)	sellingUnitOfMeasure	C	
95		Order Sizing Factor	orderSizingFactor & orderSizingFactor/@measurementUnitCode	C	Order Sizing Factor is required when Order Sizing Factor UOM is present
96		Order Quantity Minimum	orderQuantityMinimum	R	
97		Order Quantity Maximum	orderQuantityMaximum	R	
98		Trade Item Stacking	stackingFactorTypeCode & stackingWeightMaximumUOM & stackingFactor & stackingWeightMaximum & stackingPatternTypeCode	R	
99		Trade Item Dimensions	additionalTradeItemDimensions	R	
100	**Trade Item Contact Information**	Contact Type	contactTypeCode	C	Contact Type is mandatory when Trade Item Contact Information record exists
101		Communication Channel Code	communicationChannelCode	C	Communication Channel Code is required when Communication Value is present
102		Communication Value	communicationValue	C	Communication Value is required when Communication Channel Code is present
103	**Regulatory Information**	Regulation Type Code	regulationTypeCode	C	Regulatory Act must be FSMA204 (Section 204 of the Food Safety Modernization Act) when Regulation Type Code must contains TRACEABILITY_REGULATION.
104		Is Trade Item Regulation Compliant	isTradeItemRegulationCompliant	C	For Regulatory Act FSMA204 (Section 204 of the Food Safety Modernization Act) Is Trade Item Regulation Compliant must be TRUE or Is Trade Item Regulation Compliant must be NOT_APPLICABLE and Regulation Restrictions And Descriptors must contain KILL_STEP_APPLIED or NOT_COVERED_BY_FTL.
105		Regulatory Act	regulatoryAct	C	Regulatory Act must be FSMA204 (Section 204 of the Food Safety Modernization Act) when Regulation Type Code must contains TRACEABILITY_REGULATION.
106		Regulation Restrictions And Descriptors	regulationRestrictionsAndDescriptors	C	For Regulatory Act FSMA204 (Section 204 of the Food Safety Modernization Act) Is Trade Item Regulation Compliant must be TRUE or Is Trade Item Regulation Compliant must be NOT_APPLICABLE and

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
					Regulation Restrictions And Descriptors must contain KILL_STEP_APPLIED or NOT_COVERED_BY_FTL.
107		Coupon Family Code	couponFamilyCode	R	
108		Preliminary Item Status Code	preliminaryItemStatusCode	R	
109		Additional Trade Item Classification	additionalTradeItemClassification	R	
110		Import Classification	importClassificationCountrySubdivisionRegionOfOrigin & importClassificationValue & statisticalReportingMeasurementUOM & importClassificationTypeCode & statisticalReportingMeasurement	R	
111	**Duty Fee Tax Information**	Duty Fee Tax Type Code	dutyFeeTaxTypeCode	M	dutyFeeTaxTypeCode needs to be present when sending DutyFeeTaxInformation.
112	**Battery Detail**	Battery Voltage	batteryVoltage	M	Battery Voltage is required if Battery Voltage UOM is present.
113		batteryDetailBatteryVoltage UOM	batteryDetailBatteryVoltageUOM	M	Battery Voltage UOM is required if Battery Voltage is present.
114		Battery Capacity	batteryCapacity	M	Battery Capacity is required if Battery Capacity UOM is present.
115		batteryDetailBatteryCapacity UOM	batteryDetailBatteryCapacityUOM	M	Battery Capacity UOM is required if Battery Capacity is present.
116		Battery Weight	batteryWeight	M	Battery Weight is required if Battery Weight UOM is present.
117		batteryDetailBatteryWeight UOM	batteryDetailBatteryWeightUOM	M	Battery Weight UOM is required if Battery Weight is present.
118		Maximum Battery Life Time	maximumBatteryLifeTime	M	Maximum Battery Life is required if Maximum Battery Life UOM is present.
119		batteryDetailMaximumBatteryLife UOM	batteryDetailMaximumBatteryLife UOM	M	Maximum Battery Life UOM is required if Maximum Battery Life is present.
120		Quantity Of Batteries Required	quantityOfBatteriesRequired	C	If Quantity Of Batteries Required is used, then Quantity Of Batteries Required must be greater than 0.
121		Quantity Of Batteries Built In	quantityOfBatteriesBuiltIn	C	If Quantity Of Batteries Built In is used, then Quantity Of Batteries Built In must be greater than 0.
122		Quantity Of Batteries Included	quantityOfBatteriesIncluded	C	If Quantity Of Batteries Included is used then Quantity Of Batteries Included must be greater than 0.

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
123		Are Batteries Included	areBatteriesIncluded	R	
124		Are Batteries Required	areBatteriesRequired	R	
125		Is Price On Pack	isPriceOnPack	R	

Legend: **M** = Mandatory **C** = Conditional (required in specific circumstances — see Notes) **R** = Recommended / Optional

Marketing Attributes

Marketing, claims, and consumer-facing attributes.

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1		Additional Trade Item Description	additionalTradeItemDescription	R	
2		Trade Item Marketing Message	tradeItemMarketingMessage	R	
3		Trade Item Feature Benefit	tradeItemFeatureBenefit	R	
4		Brand Marketing Description	brandMarketingDescription	R	
5		Trade Item Keywords	tradeItemKeywords	R	
6		Consumer Storage Instructions	consumerStorageInstructions	R	
7		Consumer Usage Instructions	consumerUsageInstructions	R	
8		Season	seasonCalendarYear & isTradeItemSeasonal & seasonalAvailabilityEndDateTime & seasonName & seasonParameterCode & seasonalAvailabilityStartDateTime	R	
9		Is Trade Item Seasonal	isTradeItemSeasonal	R	
10	**Diet Type Information**	Diet Type Code	dietTypeCode	C	Diet Type Code is mandatory when Diet record exists
11		Diet Type Subcode	dietTypeSubcode	R	
12		Certification Effective End Date	certificationEffectiveEndDateTime	C	
13		Certification Value	certificationValue	C	Diet Type Certification Value is required when Certification Identification OR Certification Effective Start Date OR Certification Effective End Date are present
14		Certification Effective Start Date	certificationEffectiveStartDateTime	C	
15		Certification Identification	certificationIdentification	C	
16		Organic Product Place Of Farming Code	organicProductPlaceOfFarmingCode	R	
17		Farming and Processing Organic Claim	farmingAndProcessingOrganicInformation	R	
18		Packaging Marked Label Accreditation Code	packagingMarkedLabelAccreditationCode	R	
19		Trade Item Sustainability Feature Code	tradeItemSustainabilityFeatureCode	R	
20		Preparation Type	preparationTypeCode	C	

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
21	**Preparation Serving Information**	Preparation Instructions	preparationInstructions	**M**	Preparation Instructions is required when Preparation Type is present
22		Growing Method Code	growingMethodCode	**R**	
23		Genetically Modified Declaration Code	geneticallyModifiedDeclarationCode	**R**	
24		Is Bioengineered Declaration Claim Relevant Data Provided	isBioengineeredDeclarationClaimRelevantDataProvided	**R**	
25		Bioengineered Declaration Claim Code	bioengineeredDeclarationClaimCode	**R**	
26		Promotional Item Information	promotionalItemInformation	**R**	
27		Fish Reporting Information	fishReportingInformation	**R**	
28		Fish Meat Poultry Information	fishMeatPoultryInformation	**R**	
29		Color Code	colorCode	**R**	
30		Color Description	colorDescription	**R**	
31		Color Code List Code	colorCodeListCode	**R**	
32		Controlled Substance Amount	controlledSubstanceAmount & controlledSubstanceAmountUOM	**C**	
33		Controlled Substance Code	controlledSubstanceCode	**R**	
34		Controlled Substance Name	controlledSubstanceName	**R**	
35		Does Trade Item Composition Include Latex	doesTradeItemCompositionIncludeLatex	**R**	
36		Do Packaging Materials Contain Latex	doPackagingMaterialsContainLatex	**R**	

Legend: **M** = Mandatory **C** = Conditional (required in specific circumstances — see Notes) **R** = Recommended / Optional

Nutrition Attributes

Ingredient, allergen, and nutrient panel attributes. Allergen and Nutrient Label rows follow the standard Foodservice GS1 Initiative template.

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1		Ingredient Statement	ingredientStatement	C	Ingredient Statement is mandatory for Food products at Lowest level
2	**Food and Beverage Ingredient**	Ingredient Sequence	ingredientSequence	C	Ingredient Sequence is required when Ingredient Name is present
3		Ingredient Name	ingredientName	C	Ingredient Name is required when Ingredient Sequence is present
4		Country Of Origin	countryOfOrigin/countryCode	C	Country of Origin is required
5	**Allergen Relevant Data Provided**	Allergen Relevant Data Provided	isAllergenRelevantDataProvided	R	
6	**Allergens**	Allergen Agency	allergenSpecificationAgency	R	
7		Allergen Regulation Name	allergenSpecificationName	R	
8		Milk	allergenTypeCode(AM) & levelOfContainmentCode	M	Mandatory if isAllergenRelevantDataProvided is not Yes/true
9		Eggs	allergenTypeCode(AE) & levelOfContainmentCode	M	Mandatory if isAllergenRelevantDataProvided is not Yes/true
10		Fish	allergenTypeCode(AF) & levelOfContainmentCode	M	Mandatory if isAllergenRelevantDataProvided is not Yes/true
11		Crustacean	allergenTypeCode (AC) & levelOfContainmentCode	M	Mandatory if isAllergenRelevantDataProvided is not Yes/true
12		Tree Nuts	allergenTypeCode(AN) & levelOfContainmentCode	M	Mandatory if isAllergenRelevantDataProvided is not Yes/true
13		Peanuts	allergenTypeCode(AP) & levelOfContainmentCode	M	Mandatory if isAllergenRelevantDataProvided is not Yes/true
14		Wheat	allergenTypeCode(UW) & levelOfContainmentCode	M	Mandatory if isAllergenRelevantDataProvided is not Yes/true
15		Soy	allergenTypeCode(AY) & levelOfContainmentCode	M	Mandatory if isAllergenRelevantDataProvided is not Yes/true
16		Sesame	allergenTypeCode(AS) & levelOfContainmentCode	M	Mandatory if isAllergenRelevantDataProvided is not Yes/true
17		Molluscs	allergenTypeCode(UM) & levelOfContainmentCode	M	Mandatory if isAllergenRelevantDataProvided is not Yes/true
18		Shellfish	allergenTypeCode(UN) & levelOfContainmentCode	M	Mandatory if isAllergenRelevantDataProvided is not Yes/true
19		Nutrient Format Type Code Reference	nutrientFormatTypeCodeReference	R	

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
20		Is Nutrient Relevant Data Provided	isNutrientRelevantDataProvided	R	
21		Preparation State	preparationStateCode	M	
22		Basis Type Code	nutrientBasisQuantityTypeCode	R	
23		Basis Quantity	nutrientBasisQuantity & measurementUnitCode	R	
24		Calories (Cal)	nutrientTypeCode(ENER-) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14)	M	
25		Calories from Fat (Cal)	nutrientTypeCode(ENERPF) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14)	R	
26		Biotin	nutrientTypeCode(BIOT) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
27		Biotin % RDI USA	nutrientTypeCode(BIOT) & dailyValueIntakePercent	R	
28		Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
29		Calcium % RDI USA	nutrientTypeCode(CA) & dailyValueIntakePercent	M	
30	**Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)**	Carbohydrates (g)	nutrientTypeCode(CHO-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
31		Carbohydrates % RDI	nutrientTypeCode(CHO-) & dailyValueIntakePercent	M	
32		Chloride (mg)	nutrientTypeCode(CLD) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
33		Chloride % RDI USA	nutrientTypeCode(CLD) & dailyValueIntakePercent	R	
34		Cholesterol (mg)	nutrientTypeCode(CHOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
35		Cholesterol % RDI	nutrientTypeCode(CHOL-) & dailyValueIntakePercent	M	
36		Chromium (mcg)	nutrientTypeCode(CR) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
37		Chromium % RDI	nutrientTypeCode(CR) & dailyValueIntakePercent	R	
38		Copper (mg)	nutrientTypeCode(CU) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
39		Copper % RDI	nutrientTypeCode(CU) & dailyValueIntakePercent	R	

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
40		Folate (mcg)	nutrientTypeCode(FOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
41		Folate % RDI	nutrientTypeCode(FOL-) & dailyValueIntakePercent	R	
42		Insoluble Fibre (g)	nutrientTypeCode(FIBINS) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
43		Iron (mg)	nutrientTypeCode(FE) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
44		Iron % RDI	nutrientTypeCode(FE) & dailyValueIntakePercent	M	
45		Magnesium (mg)	nutrientTypeCode(MG) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
46		Magnesium % RDI	nutrientTypeCode(MG) & dailyValueIntakePercent	R	
47		Manganese (mg)	nutrientTypeCode(MN) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
48		Manganese % RDI	nutrientTypeCode(MN) & dailyValueIntakePercent	R	
49		Molybdenume (mcg)	nutrientTypeCode(MO) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
50		Molybdenume % RDI	nutrientTypeCode(MO) & dailyValueIntakePercent	R	
51		Monounsaturated Fat (g)	nutrientTypeCode(FAMS) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
52		Niacin (mg)	nutrientTypeCode(NIA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
53		Niacin % RDI	nutrientTypeCode(NIA) & dailyValueIntakePercent	R	
54		Other Carbohydrates (g)	nutrientTypeCode(CHOAVL) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
55		Other Carbohydrates %RDI	nutrientTypeCode(CHOAVL) & dailyValueIntakePercent	R	
56		Pantothenic (mg)	nutrientTypeCode(PANTAC) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
57		Pantothenic % RDI	nutrientTypeCode(PANTAC) & dailyValueIntakePercent	R	
58		Phosphorous (mg)	nutrientTypeCode(P) & measurementPrecisionCode &	R	

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
			quantityContained & measurementUnitCode		
59		Phosphorous % RDI	nutrientTypeCode(P) & dailyValueIntakePercent	R	
60		Polyunsaturated Fat (g)	nutrientTypeCode(FAPU) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
61		Potassium (mg)	nutrientTypeCode(K) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
62		Potassium % RDI	nutrientTypeCode(K) & dailyValueIntakePercent	M	
63		Protein (g)	nutrientTypeCode(PRO-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
64		Riboflavin B2 (mg)	nutrientTypeCode(RIBF) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
65		Riboflavin % RDI	nutrientTypeCode(RIBF) & dailyValueIntakePercent	R	
66		Saturated Fat (g)	nutrientTypeCode(FASAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
67		Saturated Fat % RDI	nutrientTypeCode(FASAT) & dailyValueIntakePercent	M	
68		Selenium (mcg)	nutrientTypeCode(SE) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
69		Selenium % RDI	nutrientTypeCode(SE) & dailyValueIntakePercent	R	
70		Sodium (mg)	nutrientTypeCode(NA) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
71		Sodium % RDI	nutrientTypeCode(NA) & dailyValueIntakePercent	M	
72		Soluble Fiber (g)	nutrientTypeCode(FIBSOL) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
73		Thiamin	nutrientTypeCode(THIA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
74		Thiamin % RDI	nutrientTypeCode(THIA) & dailyValueIntakePercent	R	
75		Total Dietary Fiber (g)	nutrientTypeCode(FIBTSW) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
76		Total Dietary Fiber % RDI	nutrientTypeCode(FIBTSW) & dailyValueIntakePercent	M	

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
77		Total Fat (g)	nutrientTypeCode(FAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
78		Total Fat % RDI	nutrientTypeCode(FAT) & dailyValueIntakePercent	M	
79		Total Sugar (g)	nutrientTypeCode(SUGAR-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
80		Added Sugar	nutrientTypeCode(SUGAD) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
81		Added Sugar % RDI USA	nutrientTypeCode(SUGAD) & dailyValueIntakePercent	M	
82		Total Sugar % RDI	nutrientTypeCode(SUGAR-) & dailyValueIntakePercent	R	
83		Transfatty Acids (g)	nutrientTypeCode(FATRN) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
84		Vitamin A (IU)	nutrientTypeCode(VITA-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
85		Vitamin A IU % RDI	nutrientTypeCode(VITA-) & dailyValueIntakePercent	R	
86		Vitamin B12 (mcg)	nutrientTypeCode(VITB12) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
87		Vitamin B12 % RDI	nutrientTypeCode(VITB12) & dailyValueIntakePercent	R	
88		Vitamin B6 (mg)	nutrientTypeCode(VITB6-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
89		Vitamin B6 % RDI	nutrientTypeCode(VITB6-) & dailyValueIntakePercent	R	
90		Vitamin C (mg)	nutrientTypeCode(VITC-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
91		Vitamin C % RDI	nutrientTypeCode(VITC-) & dailyValueIntakePercent	R	
92		Vitamin D (mcg)	nutrientTypeCode(VITD-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
93		Vitamin D % RDI	nutrientTypeCode(VITD-) & dailyValueIntakePercent	M	
94		Vitamin E (mg)	nutrientTypeCode(VITE-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
95		Vitamin E % RDI	nutrientTypeCode(VITE-) & dailyValueIntakePercent	R	

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
96		Vitamin K (mcg)	nutrientTypeCode(VITK) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
97		Vitamin K % RDI	nutrientTypeCode(VITK) & dailyValueIntakePercent	R	
98		Zinc (mg)	nutrientTypeCode(ZN) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
99		Zinc % RDI USA	nutrientTypeCode(ZN) & dailyValueIntakePercent	R	
100		Number Of Servings Per Package	numberOfServingsPerPackage	R	
101		Number Of Servings Per Package Measurement Precision Code	numberOfServingsPerPackageMeasurementPrecisionCode	R	
102		Claim Description	claimDescription	R	
103	**Nutritional Claims Detail**	Claim Type Code	claimTypeCode	M	If Claim Element Code is used then Claim Type Code must be used.
104		Claim Element Code	claimElementCode	R	
105		Food Beverage Composition	foodBeverageCompositionCode & foodBeverageCompositionDescription	R	
106		Child Nutritional Label	childNutritionalLabel	R	
107		Nutrient Value Derivation Code	nutrientValueDerivationCode	R	
108		Nutritional Label Type Code	nutritionalLabelTypeCode	R	
109		Product Formulation Statement Information	productFormulationStatementInformation	R	

Legend: M = Mandatory C = Conditional (required in specific circumstances — see Notes) R = Recommended / Optional

Hazmat Attributes

Hazardous materials / dangerous goods attributes (Safety Data Sheet, Dangerous Substance, and Transportation Classification information).

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1		Safety Data Sheet Information	safetyDataSheetInformation	R	
2		Dangerous Substance Information	dangerousSubstanceInformation	R	
3		Is Dangerous Substance	isDangerousSubstance	R	
4		Transportation Classification	transportationClassification	R	
5		Dangerous Goods Technical Name	dangerousGoodsTechnicalName	R	
6		United Nations Dangerous Goods Number	unitedNationsDangerousGoodsNumber	R	
7		Dangerous Goods Packing Group	dangerousGoodsPackingGroup	R	
8		Class Of Dangerous Goods	classOfDangerousGoods	R	

Legend: **M** = Mandatory **C** = Conditional (required in specific circumstances — see Notes) **R** = Recommended / Optional