



Kohl Wholesale Foodservice

GDSN Implementation Guide

Version 1
August 2019

OVERVIEW

This document is intended for Suppliers who will be sending product data to Kohl Wholesale through the GDSN.

Attribytes – Additional Contacts

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Kohl Wholesale GLN Information

Kohl Wholesale Production GLN: 0868005000001

Kohl Wholesale Data Synchronization Environment

Data Pool: Attribytes

Publishing to Kohl Wholesale via the GDSN

Publications

1. Kohl Wholesale requires their Suppliers to publish all products that the Supplier would like to make available for sale to Kohl Wholesale members. Items to include:
 - a. Items Kohl Wholesale members currently purchase
 - b. Items that Supplier would like Kohl Wholesale members to purchase in the future.
2. For the first Kohl Wholesale 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. Visit www.attribytes.com/gs1subscription to initiate
 - b. Review the list of required attributes in this document
 - c. Kohl Wholesale will create a subscription based upon your GLN(s)
2. Prepare product data for Publication
3. Publish all products as “Initial Load”
4. Investigate and respond to “Review” CIC responses. For questions or clarifications please contact Attribytes at GDSN@Attribytes.com.
5. Ongoing publications to be sent with “New” or “Update” status. To Inactivate a product, send as “Delete”.

Catalog Item Confirmations (CIC's)

Kohl Wholesale 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 record has been received and has passed Kohl Wholesale GDSN validations. This response will typically be sent within a few hours after receiving the publication.

Review: product does not pass Kohl Wholesale GDSN validations or product has failed Kohl Wholesale audit process and therefore has data discrepancies to be reviewed and addressed. Reason for Review status will be transmitted in CIC999.

Synchronized: This response will be sent after all validations and audits have been successfully completed.

Rejected: product has been rejected by Kohl Wholesale.

Required Kohl Wholesale Product Attributes

Core:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Brand Name	Brand Name	brandName	M	
2		Sub Brand	subBrand	R	
3	GTIN	GTIN	GTIN	M	
4	Barcode	Barcode Symbology	dataCarrierTypeCode	R	
5		Barcode Value Type	gs1TradeItemIdentificationKeyCode	M	
6		Barcode	gs1TradeItemIdentificationKeyValue	M	
7	Product Type	Product Type	tradeItemUnitDescriptorCode	M	
8	Is Trade Item Orderable?	Is Trade Item Orderable	isTradeItemAnOrderableUnit	M	
9	Company Name (Brand Owner)	Brand Owner GLN	partyRoleCode(BRAND_OWNER) & gln	M	
10		Brand Owner	partyRoleCode(BRAND_OWNER) & partyName	M	
11	Company Name (Manufacturer)	Manufacturer GLN	partyRoleCode(MANUFACTURER_OF_GOODS) & gln	M	
12		Manufacturer	partyRoleCode(MANUFACTURER_OF_GOODS) & partyName	M	
13	Company Name (Information Provider)	Information Provider GLN	partyRoleCode(INFORMATION_PROVIDER) & gln	M	
14		Information Provider	partyRoleCode(INFORMATION_PROVIDER) & partyName	R	
15	Manufacturer Product Number	Product Code Type	additionalTradeItemIdentificationTypeCode(SUPPLIER_ASSIGNED)	M	
16	Manufacturer Product Number	Product Code	additionalTradeItemIdentificationValue	M	
	Redistributor Product Code	Product Code Type	additionalTradeItemIdentificationTypeCode(DISTRIBUTOR_ASSIGNED)	R	Only requested from redistributors. Use "Distributor Assigned"
	Redistributor Product Code	Product Code	additionalTradeItemIdentificationValue	R	Redistributor product value
17	Private Label	Brand Distribution Type	brandDistributionTypeCode	R	If provided via RESTRICTED_DIST product passes M audit
18	Manufacturer Short Product Description	English Product Name Short	descriptionShort	M	
19	Product Name	English Product Name Long	tradeItemDescription	R	

Core Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
20	Storage Temperature Max and Min with UoM	Storage Temp From	temperatureQualifierCode(STORAGE_HANDLING) & minimumTemperature & UOM	C	Required when Storage Temperature To is not present
21		Storage Temp To	temperatureQualifierCode(STORAGE_HANDLING) & maximumTemperature & UOM	C	Required when Storage Temperature From is not present
22	Gross Weight with UoM	Gross Weight	grossWeight & UOM	M	
23	Net Weight with UoM	Net Weight	netWeight & UOM	M	
24	Catch Weight	Variable Unit	isTradeItemAVariableUnit	M	
25	Height with UoM	Height	height & UOM	M	
26	Width with UoM	Width	width & UOM	M	
27	Depth with UoM	Length	depth & UOM	M	
28	Cube with UoM	Volume	inBoxCubeDimension & UOM	R	FSEnet+ to calculate from case dimensions
29	Pallet Ti and Pallet Hi	Pallet High	quantityOfLayersPerPallet	M	
30	Pallet Ti and Pallet Hi	Pallet Tie	quantityOfTradeItemsPerPalletLayer	M	
31	Shelf Life from Production	Shelf Life	minimumTradeItemLifespanFromTimeOfProduction	C	Required when Shelf Life from Arrival is not present
32	Shelf Life from Arrival	Shelf Life from Arrival	minimumTradeItemLifespanFromTimeOfArrival	C	Required when Shelf Life from Production is not present
33	Item Availability Date	Item Availability Date	startAvailabilityDateTime	M	
34	Effective Date of Change	Product Effective Date	effectiveDateTime	M	
35	Is Trade Item Consumer Unit?	Is it a Consumer Unit	isTradeItemAConsumerUnit	M	
36	Is Trade Item Shipping Unit?	Is trade item shipping unit	isTradeItemADespatchUnit	M	
37	Country of Origin	Country Origin of Product	tradeItemCountryOfOrigin	M	
38	Is Trade Item Invoice Unit?	Is it an Invoice Unit	isTradeItemAnInvoiceUnit	M	
39	Packaging Dates	Type of Date on Packaging	tradeItemDateOnPackagingTypeCode	R	

Core Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes	
40		Discontinue Date	discontinuedDateTime	R		
41	Kosher, Vegan, Halal, Gluten-free etc.	Diet Type: COELIAC	dietTypeCode(COELIAC)	R		
42		Diet Type: DIETETIC	dietTypeCode(DIETETIC)	R		
43		Diet Type: FREE_FROM_GLUTEN	dietTypeCode(FREE_FROM_GLUTEN)	R		
44		Diet Type: HALAL	dietTypeCode(HALAL)	R		
45		Diet Type: KOSHER	dietTypeCode(KOSHER)	R		
46		Diet Type Subcode for KOSHER	dietTypeCode(KOSHER) & dietTypeSubcode	R		
47		Kosher Certification Agency	certificationAgency for dietTypeCode(KOSHER)	R		
48		Kosher Certification id	certificationIdentification for dietTypeCode(KOSHER)	R		
49		Diet Type: VEGAN	dietTypeCode(VEGAN)	R		
50		Diet Type: VEGETARIAN	dietTypeCode(VEGETARIAN)	R		
51		Diet Type Subcode for VEGETARIAN	dietTypeCode(VEGETARIAN) & dietTypeSubcode	R		
52		Diet Type: WITHOUT_BEEF	dietTypeCode(WITHOUT_BEEF)	R		
53		Diet Type: WITHOUT_PORK	dietTypeCode(WITHOUT_PORK)	R		
54		Growing Method	Organic	growingMethodCode(ORGANIC)	R	
55		Organic	Organic Claim Agency	organicClaimAgencyCode	R	
56	Organic Trade Item Code		organicTradeItemCode	R		
57	Is Item the Base Unit (Lowest Packaging Level)	Is trade Item a Base Unit	isTradeItemABaseUnit	M		
58	Is Packaging marked as Returnable?	Is packaging marked as Returnable	isPackagingMarkedReturnable	M		
59	Is the Item marked with a Batch/Lot Number?	Marked with Batch Number	hasBatchNumber	R		
60	Are non-sold items returnable?	Are non-sold items returnable	isNonSoldTradeItemReturnable	R		
61	Is the Item marked as recyclable?	Is it marked as recyclable	isTradeItemMarkedAsRecyclable	R		
62	Target Market	Target Market	targetMarketCountryCode	M		
63	Functional Name	Functional Name	functionalName	M		
64	Global Product Classification (GPC)	GPC Code	gpcCategoryCode	M		
65		GPC Description	gpcCategoryDefinition	R	derived from GPC Code	

Core Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
66	GTIN of Next Higher Package Level	GTIN of Next Higher Package Level	parentGTIN	C	
67	GTIN of Next Lower Package Level	Name of Next Lower Package Level	childGTIN	C	
68	Number of Next Lower Level GTINs	Number of Next Lower Level GTINs	quantityOfChildren	C	
69	Pack Size Text	Pack Size Text	shippingContainerQuantityDescription	C**	
70	Quantity of Next Lower Package Level	Unit Quantity	totalQuantityOfNextLowerLevelTradeItem	C**	Use this for Unit Quantity if Lower Level Packaging exists and has GTIN
70a	Quantity of Inner Packs	Unit Quantity	quantityOfInnerPack	C**	Use this for Unit Quantity if Lower Level Packaging exists with no GTIN
71	Item in Inner Pack Quantity (No GTIN Assigned)	Item in Inner Pack Quantity (No GTIN Assigned)	quantityOfNextLevelTradeItemWithinInnerPack	C	
72	Net Content with UoM	Net Content	netContent & UOM	C**	
73	Individual Unit Measures	Individual Unit Minimum	IndividualUnitMinimumSize & UOM	C**	
74		Individual Unit Maximum	IndividualUnitMaximumSize & UOM	C**	

** - If a Pack Size Text value is included in the publication, then attributes #70 through #72 are not required. If Pack Size Text is not included in the publication, then one of Unit Quantity (attribute #70 or #70a) and one of Net Content/ Individual Unit Minimum/ Maximum values with UOMs should be provided as appropriate.

Publishing additional attributes to Kohl Wholesale via the GDSN

Kohl Wholesale will accept additional attributes if made available through the GDSN. The additional attributes have been broken into two subsets of data including Marketing and Nutrition. Each subset of data has minimum requirements for publication. See below for Data Subsets

Marketing:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For	Notes
1	Consumer Storage and Usage Information	Consumer Storage Information	consumerStorageInstructions	R	
2		Consumer Usage Information	consumerUsageInstructions	R	
3	Preparation & Cooking Instructions	Preparation and Cooking Suggestions	preparationInstructions	R	
4		Preparation Type	preparationTypeCode	R	
5	Serving Suggestions	Serving Suggestions	servingSuggestion	R	
6	Manufacturer Expanded Product Description	General Description	additionalTradeItemDescription	C	Required when Benefits are not present
7	Benefits	Benefits	tradeItemMarketingMessage	C	Required when General Description is not present
8	For More Information (Contact Information)	Target Market Code	targetMarketCode	R	
9		Target Market Subdivision Code	targetMarketSubdivisionCode	R	
10		Contact Type	contactTypeCode	R	
11		Contact Code	communicationChannelCode	R	
12		For more information	communicationValue	R	
13	Growing Method	Cage Free	growingMethodCode(CAGE_FREE)	R	
14		Farm Raised	growingMethodCode(FARM_RAISED)	R	
15		Free Range	growingMethodCode(FREE_RANGE)	R	
16		Grass Fed	growingMethodCode(GRASS_FED)	R	
17		Humanely Raised	growingMethodCode(HUMANELY_RAISED)	R	
18	Product Activity Zone	Fish Catch Zone	productActivityTypeCode(CATCH_ZONE)	R	

Marketing Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For	Notes
19	Packaging Marked Label Accreditation	Aquaculture Certification Council Certified	packagingMarkedLabelAccreditationCode(BEST_AQUACULTURE_PRACTICES)	R	
20		Certified Angus Beef (CAB)	packagingMarkedLabelAccreditationCode(CERTIFIED_ANGUS_BEEF)	R	
21		Fair Trade Certified	packagingMarkedLabelAccreditationCode(FAIR_TRADE_MARK)	R	
22		Green Restaurant Association Endorsed	packagingMarkedLabelAccreditationCode(GREEN_RESTAURANT_ASSOCIATION_ENDORSED)	R	
23		Marine Stewardship Council Certified	packagingMarkedLabelAccreditationCode(MARINE_STEWARDSHIP_COUNCIL_LABEL)	R	
24		Protected Harvest Certified	packagingMarkedLabelAccreditationCode(PROTECTED_HARVEST_CERTIFIED)	R	
25		Rainforest Alliance Certified	packagingMarkedLabelAccreditationCode(RAINFOREST_ALLIANCE)	R	
26		Is Trade Item packaging made from renewable resources	packagingRenewableContentTypeCode(RENEWABLE_CONTENT)	R	
27		Biodegradable	sustainabilityFeatureCode(BIODEGRADABLE)	R	
28		Is Product made from renewable resources	sustainabilityFeatureCode(MADE_FROM_RENEWABLE_MATERIAL)	R	
29		Food Alliance Certified	certificationAgency(FoodAllianceCertified) + certificationStandard + certificationValue	R	
30		Is Product Compostable	packagingRecyclingProcessType(COMPOSTABLE)	R	
31		No Added Synthetic Hormones	additiveName & levelOfContainmentCode	R	
32		rBST Free	additiveName & levelOfContainmentCode	R	
33		Antibiotic Free	additiveName & levelOfContainmentCode	R	
34		Real Seal (Dairy)	certificationAgency(RealSeal) + certificationStandard + certificationValue	R	

Nutrition:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Allergen Relevant Data Provided	Allergen Relevant Data Provided	allergenRelevantDataProvided(AVP)	R	If provided value is product passes Allerge
2	Allergens	Allergen Agency	allergenSpecificationAgency	C	M if any Allergens st
3	Allergens	Allergen Regulation Name	allergenSpecificationName	C	M if any Allergens st
4	Allergens	Milk	allergenTypeCode(AM) & levelOfContainmentCode	R	
5		Eggs	allergenTypeCode(AE) & levelOfContainmentCode	R	
6		Fish	allergenTypeCode(AF) & levelOfContainmentCode	R	
7		Crustacean	allergenTypeCode (AC) & levelOfContainmentCode	R	
8		Tree Nuts	allergenTypeCode(AN) & levelOfContainmentCode	R	
9		Peanuts	allergenTypeCode(AP) & levelOfContainmentCode	R	
10		Wheat	allergenTypeCode(UW) & levelOfContainmentCode	R	
11		Corn	allergenTypeCode(NM) & levelOfContainmentCode	R	
12		Sesame	allergenTypeCode(AS) & levelOfContainmentCode	R	
13		Soy	allergenTypeCode(AY) & levelOfContainmentCode	R	
14		Sulphite	allergenTypeCode(AU) & levelOfContainmentCode	R	
15		Celery	allergenTypeCode(BC) & levelOfContainmentCode	R	
16		Mollusks	allergenTypeCode(UM) & levelOfContainmentCode	R	
17		Mustard	allergenTypeCode(BM) & levelOfContainmentCode	R	
18	Nutrition Fact Serving Size & UOM	Serving Size	servingSize & UOM	M	

Nutrition Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
19	Serving Size Text	Serving Size Description	servingSizeDescription	C	Required when Number of Servings Per Package is present
20		Basis Type Code	nutrientBasisQuantityTypeCode	R	
21		Basis Quantity	nutrientBasisQuantity & UOM	R	
22	Nutrition Fact Serving Size Weight	Serving Size Weight in Grams	servingSizeWeight	R	
23	Servings of the Trade Item Unit	Number Of Servings Per Package	numberOfServingsPerPackage	C	Required when Serving Size Description is not present
24	Nutrient Database Number	USDA Nutrient Database #	foodBeverageCompositionDatabaseCode(USDA) & foodBeverageCompositionCode	R	If valid value is stated, product passes Nutrition audit
25	Nutrient Label contents and measures	Preparation State	preparationStateCode	C	Marked as M if any Nutrients stated
26	Nutrient Relevant Data Provided	Nutrient Relevant Data Provided	nutrientRelevantDataProvided(AVP)	R	If provided value is present, product passes Nutrition audit
27	Nutrient Value Derivation	Nutrient Value Derivation	nutrientValueDerivation	R	
28	Nutrient Label contents and measures	Ash (mg)	nutrientTypeCode(ASH) & measurementPrecisionCode & quantityContained & UOM	R	
29	Nutrient Label contents and measures	Ash % RDI USA	nutrientTypeCode(ASH) & dailyValueIntakePercent	R	
30	Nutrient Label contents and measures	Biotin % RDI USA	nutrientTypeCode(BIOT) & dailyValueIntakePercent	R	
31	Nutrient Label contents and measures	Calcium % RDI USA	nutrientTypeCode(CA) & dailyValueIntakePercent	M	
32	Nutrient Label contents and measures	Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & UOM	R	
33	Nutrient Label contents and measures	Calories (Cal)	nutrientTypeCode(ENER-) & measurementPrecisionCode & quantityContained & UOM	M	

Nutrition Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
34	Nutrient Label contents and measures	Calories from Fat (Cal)	nutrientTypeCode(ENERPF) & measurementPrecisionCode & quantityContained & UOM	R	
35	Nutrient Label contents and measures	Carbohydrates	nutrientTypeCode(CHO-) & measurementPrecisionCode & quantityContained & UOM	M	
36	Nutrient Label contents and measures	Carbohydrates % RDI USA	nutrientTypeCode(CHO-) & dailyValueIntakePercent	M	
37	Nutrient Label contents and measures	Carbohydrates Other	nutrientTypeCode(CHOAVL) & measurementPrecisionCode & quantityContained & UOM	R	
38	Nutrient Label contents and measures	Chloride % RDI USA	nutrientTypeCode(CLD) & dailyValueIntakePercent	R	
39	Nutrient Label contents and measures	Cholesterol % RDI USA	nutrientTypeCode(CHOL-) & dailyValueIntakePercent	M	
40	Nutrient Label contents and measures	Cholesterol (mg)	nutrientTypeCode(CHOL-) & measurementPrecisionCode & quantityContained & UOM	M	
41	Nutrient Label contents and measures	Copper % RDI USA	nutrientTypeCode(CU) & dailyValueIntakePercent	R	
42	Nutrient Label contents and measures	Chromium % RDI USA	nutrientTypeCode(CR) & dailyValueIntakePercent	R	
43	Nutrient Label contents and measures	Iron % RDI USA	nutrientTypeCode(FE) & dailyValueIntakePercent	M	
44	Nutrient Label contents and measures	Folate (mcg)	nutrientTypeCode(FOL-) & measurementPrecisionCode & quantityContained & UOM	R	
45	Nutrient Label contents and measures	Iodine (mcg)	nutrientTypeCode(ID) & measurementPrecisionCode & quantityContained & UOM	R	
46	Nutrient Label contents and measures	Iodine % RDI USA	nutrientTypeCode(ID) & dailyValueIntakePercent	R	
47	Nutrient Label contents and measures	Insoluble Fibre	nutrientTypeCode(FIBINS) & measurementPrecisionCode & quantityContained & UOM	R	
48	Nutrient Label contents and measures	Insoluble Fibre % RDI USA	nutrientTypeCode(FIBINS) & dailyValueIntakePercent	R	

Nutrition Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
49	Nutrient Label contents and measures	Iron (mg)	nutrientTypeCode(IE) & measurementPrecisionCode & quantityContained & UOM	R	
50	Nutrient Label contents and measures	Magnesium % RDI USA	nutrientTypeCode(MG) & dailyValueIntakePercent	R	
51	Nutrient Label contents and measures	Manganese % RDI USA	nutrientTypeCode(MN) & dailyValueIntakePercent	R	
52	Nutrient Label contents and measures	Molybdenum % RDI USA	nutrientTypeCode(MO) & dailyValueIntakePercent	R	
53	Nutrient Label contents and measures	Monounsaturated Fat % RDI USA	nutrientTypeCode(FAMS) & dailyValueIntakePercent	R	
54	Nutrient Label contents and measures	Monounsaturated Fat	nutrientTypeCode(FAMS) & measurementPrecisionCode & quantityContained & UOM	R	
55	Nutrient Label contents and measures	Niacin % RDI USA	nutrientTypeCode(NIA) & dailyValueIntakePercent	R	
56	Nutrient Label contents and measures	Omega 3 Acids	nutrientTypeCode(FAPUN3) & measurementPrecisionCode & quantityContained & quantityContainedUoM	R	
57	Nutrient Label contents and measures	Omega 3 RDI USA	nutrientTypeCode(FAPUN3) & dailyValueIntakePercent	R	
58	Nutrient Label contents and measures	Pantothenic % RDI USA	nutrientTypeCode(PANTAC) & dailyValueIntakePercent	R	
59	Nutrient Label contents and measures	Phosphorous % RDI USA	nutrientTypeCode(P) & dailyValueIntakePercent	R	
60	Nutrient Label contents and measures	Phosphorous (mg)	nutrientTypeCode(P) & measurementPrecisionCode & quantityContained & UOM	R	
61	Nutrient Label contents and measures	Polyunsaturated % RDI USA	nutrientTypeCode & dailyValueIntakePercent	R	
62	Nutrient Label contents and measures	Polyunsaturated Fat	nutrientTypeCode & measurementPrecisionCode & quantityContained & UOM	R	
63	Nutrient Label contents and measures	Potassium % RDI USA	nutrientTypeCode(K) & dailyValueIntakePercent	R	

Nutrition Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
64	Nutrient Label contents and measures	Potassium (mg)	nutrientTypeCode(K) & measurementPrecisionCode & quantityContained & UOM	R	
65	Nutrient Label contents and measures	Protein	nutrientTypeCode(PRO-) & measurementPrecisionCode & quantityContained & UOM	M	
66	Nutrient Label contents and measures	Riboflavin % RDI USA	nutrientTypeCode(RIBF) & dailyValueIntakePercent	R	
67	Nutrient Label contents and measures	RiboflavinB2 (mg)	nutrientTypeCode(RIBF) & measurementPrecisionCode & quantityContained & UOM	R	
68	Nutrient Label contents and measures	Saturated Fat	nutrientTypeCode(FASAT) & measurementPrecisionCode & quantityContained & UOM	M	
69	Nutrient Label contents and measures	Saturated Fat % RDI USA	nutrientTypeCode(FASAT) & dailyValueIntakePercent	M	
70	Nutrient Label contents and measures	Selenium % RDI USA	nutrientTypeCode(SE) & dailyValueIntakePercent	R	
71	Nutrient Label contents and measures	Sodium % RDI USA	nutrientTypeCode(NA) & dailyValueIntakePercent	M	
72	Nutrient Label contents and measures	Sodium (mg)	nutrientTypeCode(NA) & measurementPrecisionCode & quantityContained & UOM	M	
73	Nutrient Label contents and measures	Soluble Fiber	nutrientTypeCode(FIBSOL) & measurementPrecisionCode & quantityContained & UOM	R	
74	Nutrient Label contents and measures	Soluble Fiber % RDI USA	nutrientTypeCode(FIBSOL) & dailyValueIntakePercent	R	
75	Nutrient Label contents and measures	Thiamin % RDI USA	nutrientTypeCode(THIA) & dailyValueIntakePercent	R	
76	Nutrient Label contents and measures	Total Dietary Fiber	nutrientTypeCode(FIBTSW) & measurementPrecisionCode & quantityContained & UOM	M	
77	Nutrient Label contents and measures	Total Dietary Fiber % RDI USA	nutrientTypeCode(FIBTSW) & dailyValueIntakePercent	M	
78	Nutrient Label contents and measures	Total Fat	nutrientTypeCode(FAT) & measurementPrecisionCode & quantityContained & UOM	M	

Nutrition Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
79	Nutrient Label contents and measures	Total Fat % RDI USA	nutrientTypeCode(FAT) & dailyValueIntakePercent	M	
80	Nutrient Label contents and measures	Total Folate % RDI USA	nutrientTypeCode(FOL-) & dailyValueIntakePercent	R	
81	Nutrient Label contents and measures	Total Sugar % RDI USA	nutrientTypeCode(SUGAR-) & dailyValueIntakePercent	R	
82	Nutrient Label contents and measures	Total Sugar	nutrientTypeCode(SUGAR-) & measurementPrecisionCode & quantityContained & UOM	M	
83	Nutrient Label contents and measures	Transfatty Acids	nutrientTypeCode(FATR) & measurementPrecisionCode & quantityContained & UOM	M	
84	Nutrient Label contents and measures	Vitamin A IU % RDI USA	nutrientTypeCode(VITA-) & dailyValueIntakePercent	R	
85	Nutrient Label contents and measures	Vitamin B12 % RDI USA	nutrientTypeCode(VITB12) & dailyValueIntakePercent	R	
86	Nutrient Label contents and measures	Vitamin B6 % RDI USA	nutrientTypeCode(VITB6-) & dailyValueIntakePercent	R	
87	Nutrient Label contents and measures	Vitamin C % RDI USA	nutrientTypeCode(VITC-) & dailyValueIntakePercent	R	
88	Nutrient Label contents and measures	Vitamin C (mg)	nutrientTypeCode(VITC-) & measurementPrecisionCode & quantityContained & UOM	R	
89	Nutrient Label contents and measures	Vitamin D % RDI USA	nutrientTypeCode(VITD-) & dailyValueIntakePercent	R	
90	Nutrient Label contents and measures	Vitamin D (mcg)	nutrientTypeCode(VITD-) & measurementPrecisionCode & quantityContained & UOM	R	
91	Nutrient Label contents and measures	Vitamin E % RDI USA	nutrientTypeCode(VITE-) & measurementPrecisionCode & quantityContained & UOM	R	
92	Nutrient Label contents and measures	Vitamin K % RDI USA	nutrientTypeCode(VITK) & measurementPrecisionCode & quantityContained & UOM	R	
93	Nutrient Label contents and measures	Zinc % RDI USA	nutrientTypeCode(ZN) & dailyValueIntakePercent	R	

Nutrition Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
94	Nutrient Label contents and measures	Zinc (mg)	nutrientTypeCode(ZN) & measurementPrecisionCode & quantityContained & UOM	R	
95		Nutrition Claim	nutritionalClaim	R	
96	Child nutrition label	Child Nutrition Flag	nutritionLabelTypeCode (1)	M	
97		Child Nutrition Certification #	regulatoryPermitIdentification & regulatoryAct & regulatoryAgency	R	
98	Links to websites, Images, Documents, Video, Audio Files	Child Nutrition Label/URL	uniformResourceIdentifier & typeOfInformation & fileFormatName & fileName & fileEffectiveStartDateTime	R	
99		Child Nutrition Equivalent	TBD	R	
100	Ingredients English (& Spanish optional)	Ingredients	ingredientStatement	M	
101		Ingredient Sequence	ingredientSequence	R	
102		Ingredient Name	ingredientName	R	
103	Drained Weight with UoM	Drained weight	drainedWeight & UOM	R	
104	Nutritional Claim	Probiotic	nutritionalClaimTypeCode(CONTAINS) & nutritionalClaimNutrientElementCode(PROBIOTICS)	R	
105		Cholesterol Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(CHOLESTEROL)	R	
106		Dairy Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(DAIRY)	R	
107		Fat Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(FAT)	R	
108		Lactose Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(LACTOSE)	R	
109		Low Calorie	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(CALORIE)	R	
110		Low Cholesterol	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(CHOLESTEROL)	R	
111		Low Fat	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(FAT)	R	

112		Low Sodium	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(SODIUM_OR_SALT))	R	
113		No Sugar Added	nutritionalClaimTypeCode(NO_ADDED) & nutritionalClaimNutrientElementCode(SUGARS)	R	
114		Reduced Fat	nutritionalClaimTypeCode(REduced_LESS) & nutritionalClaimNutrientElementCode(FAT)	R	
115		Reduced Sodium	nutritionalClaimTypeCode(REduced_LESS) & nutritionalClaimNutrientElementCode(SODIUM_OR_SALT)	R	
116		Sodium Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(SODIUM_OR_SALT)	R	
117		Trans Fat Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(TRANS_FAT)	R	
118		MSG Free	additiveName & levelOfContainmentCode	R	
	Nutrient Label contents and measures	Added Sugar % RDI USA	nutrientTypeCode(SUGAD) & dailyValueIntakePercent	R	
	Nutrient Label contents and measures	Added Sugar	nutrientTypeCode(SUGAD) & measurementPrecisionCode & quantityContained & UOM	R	

Hazmat:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1		Hazmat	TBD	R	
2		Hazmat Class	classOfDangerousGoods	C	M if Hazmat
3		Hazmat Chemical	dangerousGoodsTechnicalName	C	M if Hazmat
4		MSDS Website	uniformResourceIdentifier & typeOfInformation(MSDS_Sheet)	R	
5		Hazmat MSDS Number	materialSafetyDataSheetNumber	R	
6		Hazmat Packing Group	dangerousGoodsPackingGroup	R	
7		Hazmat UN Number	unitedNationsDangerousGoodsNumber	R	