

Shamrock Foods

DELIVERING SATISFACTION[®]

Shamrock Foods
Data Synchronization Implementation Guide

Version 1.3

Revision History

Date	Version #	Description	Changed By
December 2021	1.0	Initial draft and version 1	
April 2022	1.1	Notes added to Attribute Requirements Table	Corey Cashmere
October 2022	1.2	Update to Section III for preferred Images	Annakristen Ganey
January 2023	1.3	Updated comments for Net Weight, Gross Weight, and Individual Maximum Size	Natalia Menaker

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I. SHAMROCK FOODS DATA SYNCHRONIZATION INFORMATION

Shamrock Foods Company is proud to be one of the founding members of the Foodservice GS1 U.S. Standards Initiative, and is completely supportive of the initiative planning to integrate all elements into its future business processes. Shamrock Foods believes that by improving the quality of its item data, it will realize multiple benefits including: increased logistical efficiencies, increased invoice accuracy, reduced labor costs associated with maintaining item data, improved ecommerce experience - resulting in overall increased customer satisfaction.

- Primary Data Synchronization Contact:
 - Suppliers can send their questions regarding global data synchronization to datacompliance@shamrockfoods.com
- Shamrock Foods Company GLN - Publish to:
 - GLN 0028300000018
- Shamrock Foods Company – Syndigo Additional Information Available at:
 - <https://syndigo.com/shamrock-foods>






II. SYNCING YOUR DATA WITH SHAMROCK FOODS

1. Make sure all Manufacture Brands and Exclusive Branded items you pack for us are 100% barcode compliant.
2. Join a GDSN data pool such as Syndigo
 - You can contact Syndigo via <https://syndigo.com/shamrock-foods> or shamrockfoods@syndigo.com to get more information.
3. Shamrock is requesting your full catalog of products. Please load your complete and accurate item data (review attribute and image guideline sections) into your GDSN certified data pool and ensure it is ready for publication in production. This includes items currently in stock as well as those otherwise available for purchase.
4. Please contact shamrockfoods@syndigo.com with your GLN and indicate your products are ready to publish. Shamrock Foods will set up a GDSN subscription for your Information Provider GLN.
5. Publish your full product catalog (both existing and available to purchase items)
 - Shamrock Foods Company GLN = 0028300000018
6. Suppliers **MUST** maintain their items using GDSN data synchronization.

III. IMAGE FILE EXAMPLES & REQUESTED DOCUMENTS

GS1 Reference - https://www.gs1.org/sites/default/files/docs/gdsn/Product_Image_Specification.pdf

Shamrock prefers to have one of the following: 1. F (Styled), or E (Plated), or D (Prepared), or J (Worn); 2. B (Inner Pack) or Out of Packaging (O); 3. C (Raw/Uncooked); 4. M (Open Case), 5. A (Case)

<p>Styled, Plated, Prepared, or Worn Image Sample File Name 01234567890123_D1CF.jpg</p> 	<p>Inner pack Sample File Name: 12345678910113_C3CB.jpg</p> 
<p>Out of Packaging Sample File Name: 01234567890123_C1C0.jpg or 01234567890123_C1CC.jpg</p> 	<p>Open Case Sample File Name: 12345678910113_C3CM.jpg</p> 
<p>Closed Case – Top Sample File Name: 12345678910113_C3CA.jpg</p> 	<p>Requested Types of Images and Documents</p> <ul style="list-style-type: none"> • PRODUCT_IMAGE • CHILD_NUTRITION_LABEL • DIET_CERTIFICATE • NUTRITION_FACT_LABEL • ORGANIC_CERTIFICATE • PRODUCT_FORMULATION_STATEMENT • SAFETY_DATA_SHEET • VIDEO

IV. MARKETING MESSAGE GUIDELINES

Marketing Message is where the supplier provides their message to our customers on why their product stands out.

Example #1:

Open the curtains to the art of big city taste, smooth and decadent cheesecake made with premium cream cheese with a generous AA all butter graham cracker crust. It doesn't get any better – or more in demand – than this versatile classic. Always a hit served alone or with signature toppings. Make it your own!

Example #2:

Wonderfully moist chocolate cake filled with a creamy, Callebaut semisweet chocolate ganache, AA butter. A tried and true favorite! Serve warm for maximum flavor. Try offering with a scoop of vanilla ice cream or fresh whipping cream.

V. SHAMROCK FOODS CIC RESPONSE MESSAGES

- “Review” – Shamrock has found a GTIN match in their Enterprise Data system, however Shamrock has not synchronized your item for any of the reasons listed below. The CIC message will include *Status Details* information explaining the issue for that GTIN. If the data provider believes information published was correct, please contact datacompliance@shamrockfoods.com
- “Synchronized” – Shamrock has found a GTIN match in their Enterprise Data system. The item passed all Shamrock Foods validations and has been ingested into Shamrock’s systems.
- “Received” – A received CIC will automatically be sent when the publication is received by Shamrock and is passing all validations however it has not yet been ingested into the Shamrock Systems.

VI. ADDITIONAL RESOURCES

1. GS1US Foodservice Image Guidelines and Requirements

Shamrock follows GS1 Standard Image Guidelines for the collection and processing of Images ([GS1 US Product Images Application Guideline for the Retail Grocery & Foodservice Industries](#)) Shamrock utilizes the 19th character of the standard naming convention as outlined in the [GS1 Product Image Specification Standard](#) for prioritization of your images to our customers.

2. GS1 US National Data Quality Program

Having complete and accurate product information is a requirement of doing business with Shamrock Foods Company. We encourage our trading partners to get involved with the [GS1 US National Data Quality Program](#) designed to drive improvements for establishing and enhancing data quality processes to support both business and consumer expectations.

3. GDSN Foodservice Information and Attribute List

Users can access the list of GDSN and Foodservice attributes as well as other GDSN Foodservice information at <https://www.gs1us.org/industries/foodservice/implementation-resources>

VII. ATTRIBUTE REQUIREMENTS TABLE

Legend		
M = Mandatory Minimum subset of attributes that are required in order for Shamrock Food Service to receive publication.	R = Additional attributes Requested by Shamrock Food Service to fulfill the complete data requirements. These are not required for publications	C = Conditional

Core

Attributes #	GDSN 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	Global Trade Item Number (GTIN)	gtin	M	
4	Bar Code / Data Carrier	Data Carrier Type Code	dataCarrierTypeCode	M	
5		GS1 Trade Item Identification Key Code	gs1TradeltemIdentificationKeyCode	C	Mandatory when dataCarrierTypeCode is not NO_BARCODE
6		UPC	gs1TradeltemIdentificationKeyValue	C	
7	Unit Descriptor	Trade Item Unit	tradeltemUnitDescriptorCode	M	
8		Preliminary Item Status Code	preliminaryItemStatusCode	R	
9	Company Name (Brand Owner)	Brand Owner GLN	brandOwner/gln	M	
10		Brand Owner Name	brandOwner/partyName	M	
11	Company Name (Manufacturer)	Manufacturer GLN	manufacturerOfTradeltem/gln	M	
12		MFG Name	manufacturerOfTradeltem/partyName	M	
13	Company Name (Information Provider)	Information Provider GLN	informationProviderOfTradeltem/gln	M	
14		Info Provider	informationProviderOfTradeltem/partyName	M	
15	Manufacturer Product Number	Supplier Assigned Product Code	additionalTradeltemIdentificationTypeCode(SUPPLIER_ASSIGNED) & additionalTradeltemIdentification	M	As of 4/15/22 only at Highest Level Below Pallet

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
16		Additional Trade Item Classification		R	
17		Additional Trade Item Classification	additionalTradeItemClassificationSystemCode & AdditionalTradeItemClassificationValue	R	
18	Manufacturer Short Product Description	Short Description	descriptionShort	M	
19	Product Name	Trade Item Description	tradeItemDescription	M	
20	Functional Name	Functional Name	functionalName	M	
21	Global Product Classification (GPC)	GPC (Brick Code)	gpcCategoryCode	M	
22	Shelf Life	Minimum Trade Item Lifespan From Time Of Production	minimumTradeItemLifespanFromTimeOfProduction	M	
23		Minimum Trade Item Lifespan From Time Of Arrival	minimumTradeItemLifespanFromTimeOfArrival	R	This attribute is a preferred attribute by this recipient (Minimum Trade Item Lifespan From Time Of Arrival)
24	Quantity of Child GTIN Units	Qty of Next Lower Level	QuantityOfNextLowerLevelTradeItem	R	Mandatory if Lower Level Packaging exists and has GTIN
25	Inner Pack Quantity (No GTIN Assigned)	Quantity Of Inner Pack	quantityOfInnerPack	R	Mandatory if Lower Level Packaging exists with no GTIN
26	Item in Inner Pack Quantity (No GTIN Assigned)	Quantity Of Next Level Trade Item Within Inner Pack	quantityOfNextLevelTradeItemWithinInnerPack	R	Mandatory based on the presence of a child GTIN
27	Trade Item Weights	Package Weight & UOM	grossWeight & measurementUnitCode	M	As of 2/03/23 only at Highest Level Below Pallet
28		Net Weight & UOM	netWeight & measurementUnitCode	M	As of 2/03/23 only at Highest Level Below Pallet
29		Drained Weight & UOM	drainedWeight & measurementUnitCode	R	
30	Trade Item Measurements	Package Height & UOM	height & measurementUnitCode	M	
31		Package Width & UOM	width & measurementUnitCode	M	
32		PackageDepth & UOM	depth & measurementUnitCode	M	
33		In Box Cube Dimension & UOM	inBoxCubeDimension & measurementUnitCode	R	
34		Net Content & UOM	netContent & measurementUnitCode	M	
35		Individual Unit Minimum & UOM	individualUnitMinimumSize & measurementUnitCode	R	

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
36		Individual Unit Maximum & UOM	individualUnitMaximumSize & measurementUnitCode	M	Mandatory for Cases where the Case is the lowest Level
37	Pack Size Text	Shipping Container Quantity Description	shippingContainerQuantityDescription	R	
38	Catch Weight	Packaging Can Vary/Is Trade Item A Variable Unit	isTradeItemAVariableUnit	M	
39	Trade Item Dates	Information Effective Date	effectiveDateTime	M	
40		Discontinued Date	discontinuedDateTime	R	
41		Cancelled Date Time	cancelledDateTime		
42	Delivery Purchasing Information	Market Availability Date	startAvailabilityDateTime	M	
43		End Availability Date Time	endAvailabilityDateTime	R	
44		First Order Date	firstOrderDateTime	R	
45		First Ship Date	firstShipDateTime	R	
46		Minimum Order Quantity	orderQuantityMinimum	R	
47		Order Quantity Maximum	orderQuantityMaximum	R	
48		Order UOM	orderingUnitOfMeasure	R	
49		Order Sizing Factor	orderSizingFactor & measurementUnitCode	R	
50	Storage and Handling Temperatures	Temperature Minimum	temperatureQualifierCode(STORAGE_HANDLING) & temperatureMinimum & temperatureMeasurement	M	
51		Temperature Maximum	temperatureQualifierCode(STORAGE_HANDLING) & temperatureMaximum & temperatureMeasurement	M	
52	Target Market	Target Market Country Code	targetMarketCountryCode	M	
53	Country Of Origin	Place of Product Activity	placeOfProductActivity/countryOfOrigin	M	
54	Pallet Ti and Pallet Hi (Pallet GTIN)	Items Per Pallet Layer	quantityOfTradeItemsContainedInACompleteLayer	M	Mandatory at Pallet Level
55		Layers Per Pallet	quantityOfCompleteLayersContainedInATradeItem	M	
56	Pallet Ti and Pallet Hi (Non-Pallet GTIN)	Quantity Of Trade Items Per Pallet Layer (NON-Pallet GTIN)	quantityOfTradeItemsPerPalletLayer	M	Mandatory at Highest Level Under Pallet
57		Quantity Of Layers Per Pallet (NON-Pallet GTIN)	quantityOfLayersPerPallet	M	

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
58	Is Item the Base Unit (Lowest Packaging Level)	Item is the Lowest Packaging Level	isTradeItemABaseUnit	M	
59	Is Trade Item Shipping Unit?	Item is Shipped/Despatched at this Packaging Level	isTradeItemADespatchUnit	M	
60	Is Trade Item Consumer Unit?	Item is Sold to the Consumer	isTradeItemAConsumerUnit	M	
61	Is Trade Item Invoice Unit?	Item is Invoiced at this Packaging Level	isTradeItemAnInvoiceUnit	M	
62	Is Trade Item Orderable?	Item is Ordered at this Packaging Level	isTradeItemAnOrderableUnit	M	
63	Is Packaging marked as Returnable?	Packaging is Returnable	isPackagingMarkedReturnable	M	
64	Is the Item marked as recyclable?	Is Trade Item Marked As Recyclable	isTradeItemMarkedAsRecyclable	R	
65	Return Information	Is Non Sold Trade Item Returnable	isNonSoldTradeItemReturnable	R	
66		Selling UOM	sellingUnitOfMeasure	R	
67	Sales Information	Brand Distribution Type	brandDistributionTypeCode	R	If RESTRICTED_DISTRIBUTION Marketing, Nutrition, Hazmat pass audit
68		Coupon Family Code	couponFamilyCode	R	
69	Is the Item marked with a Batch/Lot Number?	Has Batch Number	hasBatchNumber	R	
70	For More Information (Contact Information)	For more information	contactTypeCode & availableTime & contactName & communicationNumber & communicationChannelCode & communicationValue	R	
71	Packaging Information	Packaging Information	packaging/platformTypeCode & packagingMaterialTypeCode etc	M	Mandatory at Pallet
72		Trade Item Date On Packaging Type Code	tradeItemDateOnPackagingTypeCode	R	

Images & Documentation

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1		Image URL	uniformResourceIdentifier	C	At least 1 Product Image is required on any level of the hierarchy
2		File Name and Format	fileName & fileFormatName	R	
3		File Type	referencedFileTypeCode	R	<p>Types of Digital Assets requested:</p> <ul style="list-style-type: none"> - PRODUCT_IMAGE - CHILD_NUTRITION_LABEL - DIET_CERTIFICATE - NUTRITION_FACT_LABEL - ORGANIC_CERTIFICATE - PRODUCT_FORMULATION_STATEMENT - VIDEO <p>As of 4/15/22 - SAFETY_DATA_SHEET – Conditional – Mandatory at the Highest Below Pallet' Level of the Hierarchy for certain GPC bricks (I.E. Chemicals, Cleaners, & Aerosols)</p>
4		Content Description	contentDescription	R	
5		File Creation Program	fileCreationProgram	R	
6		File Effective Start Date Time	fileEffectiveStartDateTime	R	
7		File Effective End Date Time	fileEffectiveEndDateTime	R	
8		Format Name Description	fileFormatDescription	R	
9		File Optimal Viewer Name	fileOptimalViewerName	R	
10		File Origin Country Code	fileOriginCountryCode	R	
11		File Version	fileVersion	R	
12		Is Primary File	isPrimaryFile	R	
13		Is File Background Transparent	isFileBackgroundTransparent	R	
14		File Camera Perspective	fileCameraPerspective	R	

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Marketing

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Marketing Information	Trade Item Marketing Message	tradeItemMarketingMessage	M	
2	Manufacturer Expanded Product Description	Additional Description	additionalTradeItemDescription	M	
3	Storage & Usage	Consumer Storage Information	consumerStorageInstructions	M	
4		Consumer Usage Information	consumerUsageInstructions	R	
5	Preparation & Cooking Instructions	Prep & Cook Suggestions	preparationInstructions	M	Highest Below Pallet OR (as of 4/15/22) Lowest hierarchy level
6		Preparation Type	preparationTypeCode	C	Mandatory when Preparation Instructions are provided
7		Serving Suggestion	servingSuggestion	R	
8		Growing Method Code	growingMethodCode	R	All valid code values are accepted CAGE_FREE; GRASS_FED; FREE_RANGE etc
9		Genetically Modified Declaration Code	geneticallyModifiedDeclarationCode	R	
10		is Bioengineered Declaration Data Provided	isBioengineeredDeclarationClaimRelevantDataProvided	M	Mandatory if item is part of BE GPC list (TBD)
11		Bioengineered Declaration Claim Code	bioengineeredDeclarationClaimCode	C	Mandatory if isBioengineeredDeclarationClaimRelevantDataProvided = Yes
12	Package Marks	Packaging Marked Label Accreditation Code	PackagingMarkedLabelAccreditationCode	R	All valid code values are accepted AQUACULTURE_STEWARDSHIP_COUNCIL; MARINE_STEWARDSHIP_COUNCIL_LABEL etc
13		Package Marks Free From	PackagingMarkedFreeFromCode	R	All valid code values are accepted FREE_FROM_BPA; FREE_FROM_ADDED_SULPHITES etc

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Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
14	Organic Information	Farming Code	organicProductPlaceOfFarmingCode	R	
15		Farming and Processing Organic Claim	organicTradeltemCode & organicClaimAgencyCode & organicClaimAgencyName & organicClaimAgencyTypeCode etc	R	
16	Diet Information	Diet Type Description	dietTypeDescription	R	
17		Diet Type Information	dietTypeCode & dietTypeSubcode etc	R	All valid code values are accepted KOSHER; HALAL; ORGANIC etc

Nutrition

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Serving Quantity Information	Number of Servings Per Package	numberOfServingsPerPackage	M	
2		Number Of Servings Per Package Measurement Precision Code	numberOfServingsPerPackageMeasurementPrecisionCode	M	
3	Nutrition Fact Serving Size with UOM	Serving Size	servingSize & measurementUnitCode	M	
4	Serving Size Text	Serving Size Description	servingSizeDescription	R	
5		Servings Per Package Description	servingsPerPackageDescription	R	
6	Nutrient Relevant Data Provided	Nutrient Relevant Data Provided	isNutrientRelevantDataProvided	R	If provided value is Yes product passes Nutrients audit
7	Nutritional Information	Nutrient Format Type Code Reference	nutrientFormatTypeCodeReference	R	Please use codes starting with US_FDA_NFP_2020 to indicate FDA Nutrition Facts Panel 2020 . Other codes or Blank vlaue are used for FDA Nutrition Facts Panel Pre-2020
8	Nutrient Label	Preparation State	preparationStateCode	M	

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Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
9	contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Basis Type Code	nutrientBasisQuantityTypeCode	R	
10		Basis Quantity	nutrientBasisQuantity & measurementUnitCode	R	
11		Calories (Cal)	nutrientTypeCode(ENER-) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14)	M	
12		Calories from Fat (Cal)	nutrientTypeCode(ENERPF) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14)	M	Mandatory for Pre-2020 FDA Nutrition Facts Panel
13		Biotin	nutrientTypeCode(BIOT) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
14		Biotin % RDI USA	nutrientTypeCode(BIOT) & dailyValueIntakePercent	R	
15		Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
16		Calcium % RDI USA	nutrientTypeCode(CA) & dailyValueIntakePercent	M	
17		Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel
18		Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Carbohydrates (g)	nutrientTypeCode(CHO-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M
19	Carbohydrates % RDI		nutrientTypeCode(CHO-) & dailyValueIntakePercent	M	
20	Chloride (mg)		nutrientTypeCode(CLD) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
21	Chloride % RDI USA		nutrientTypeCode(CLD) & dailyValueIntakePercent	R	
22	Cholesterol (mg)		nutrientTypeCode(CHOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
23	Cholesterol % RDI		nutrientTypeCode(CHOL-) & dailyValueIntakePercent	M	
24	Chromium (mcg)		nutrientTypeCode(CR) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
25	Chromium % RDI		nutrientTypeCode(CR) & dailyValueIntakePercent	R	

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
26		Copper (mg)	nutrientTypeCode(CU) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
27		Copper % RDI	nutrientTypeCode(CU) & dailyValueIntakePercent	R	
28		Folate (mcg)	nutrientTypeCode(FOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
29		Folate % RDI	nutrientTypeCode(FOL-) & dailyValueIntakePercent	R	
30		Insoluble Fibre (g)	nutrientTypeCode(FIBINS) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
31		Iron (mg)	nutrientTypeCode(FE) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel
32		Iron % RDI	nutrientTypeCode(FE) & dailyValueIntakePercent	M	
33		Magnesium (mg)	nutrientTypeCode(MG) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
34		Magnesium % RDI	nutrientTypeCode(MG) & dailyValueIntakePercent	R	
35		Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Manganese (mg)	nutrientTypeCode(MN) & measurementPrecisionCode & quantityContained & measurementUnitCode	R
36	Manganese % RDI		nutrientTypeCode(MN) & dailyValueIntakePercent	R	
37	Molybdenume (mcg)		nutrientTypeCode(MO) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
38	Molybdenume % RDI		nutrientTypeCode(MO) & dailyValueIntakePercent	R	
39	Monounsaturated Fat (g)		nutrientTypeCode(FAMS) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
40	Niacin (mg)		nutrientTypeCode(NIA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
41	Niacin % RDI		nutrientTypeCode(NIA) & dailyValueIntakePercent	R	

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Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
42		Other Carbohydrates (g)	nutrientTypeCode(CHOAVL) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
43		Other Carbohydrates %RDI	nutrientTypeCode(CHOAVL) & dailyValueIntakePercent	R	
44		Pantothenic (mg)	nutrientTypeCode(PANTAC) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
45		Pantothenic % RDI	nutrientTypeCode(PANTAC) & dailyValueIntakePercent	R	
46		Phosphorous (mg)	nutrientTypeCode(P) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
47		Phosphorous % RDI	nutrientTypeCode(P) & dailyValueIntakePercent	R	
48		Polyunsaturated Fat (g)	nutrientTypeCode(FAPU) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
49		Potassium (mg)	nutrientTypeCode(K) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel
50		Potassium % RDI	nutrientTypeCode(K) & dailyValueIntakePercent	M	Mandatory for 2020 FDA Nutrition Facts Panel
51		Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Protein (g)	nutrientTypeCode(PRO-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M
52	Riboflavin B2 (mg)		nutrientTypeCode(RIBF) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
53	Riboflavin % RDI		nutrientTypeCode(RIBF) & dailyValueIntakePercent	R	
54	Saturated Fat (g)		nutrientTypeCode(FASAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
55	Saturated Fat % RDI		nutrientTypeCode(FASAT) & dailyValueIntakePercent	M	
56	Selenium (mcg)		nutrientTypeCode(SE) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
57	Selenium % RDI		nutrientTypeCode(SE) & dailyValueIntakePercent	R	

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Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes	
58		Sodium (mg)	nutrientTypeCode(NA) & measurementPrecisionCode & quantityContained & measurementUnitCode	M		
59		Sodium % RDI	nutrientTypeCode(NA) & dailyValueIntakePercent	M		
60		Soluble Fiber (g)	nutrientTypeCode(FIBSOL) & measurementPrecisionCode & quantityContained & measurementUnitCode	R		
61		Thiamin	nutrientTypeCode(THIA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R		
62		Thiamin % RDI	nutrientTypeCode(THIA) & dailyValueIntakePercent	R		
63		Total Dietary Fiber (g)	nutrientTypeCode(FIBTSW) & measurementPrecisionCode & quantityContained & measurementUnitCode	M		
64		Total Dietary Fiber % RDI	nutrientTypeCode(FIBTSW) & dailyValueIntakePercent	M		
65		Total Fat (g)	nutrientTypeCode(FAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	M		
66		Total Fat % RDI	nutrientTypeCode(FAT) & dailyValueIntakePercent	M		
67		Total Sugar (g)	nutrientTypeCode(SUGAR-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M		
68		Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Added Sugar	nutrientTypeCode(SUGAD) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel
69			Added Sugar % RDI USA	nutrientTypeCode(SUGAD) & dailyValueIntakePercent	M	Mandatory for 2020 FDA Nutrition Facts Panel
70			Total Sugar % RDI	nutrientTypeCode(SUGAR-) & dailyValueIntakePercent	R	
71	Transfatty Acids (g)		nutrientTypeCode(FATR) & measurementPrecisionCode & quantityContained & measurementUnitCode	M		
72	Vitamin A (IU)		nutrientTypeCode(VITA-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R		
73	Vitamin A IU % RDI		nutrientTypeCode(VITA-) & dailyValueIntakePercent	M	Mandatory for Pre-2020 FDA Nutrition Facts Panel	
74	Vitamin B12 (mcg)		nutrientTypeCode(VITB12) & measurementPrecisionCode & quantityContained & measurementUnitCode	R		
75	Vitamin B12 % RDI		nutrientTypeCode(VITB12) & dailyValueIntakePercent	R		

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Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
76		Vitamin B6 (mg)	nutrientTypeCode(VITB6-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
77		Vitamin B6 % RDI	nutrientTypeCode(VITB6-) & dailyValueIntakePercent	R	
78		Vitamin C (mg)	nutrientTypeCode(VITC-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
79		Vitamin C % RDI	nutrientTypeCode(VITC-) & dailyValueIntakePercent	M	Mandatory for Pre-2020 FDA Nutrition Facts Panel
80		Vitamin D (mcg)	nutrientTypeCode(VITD-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel
81		Vitamin D % RDI	nutrientTypeCode(VITD-) & dailyValueIntakePercent	M	Mandatory for 2020 FDA Nutrition Facts Panel
82		Vitamin E (mg)	nutrientTypeCode(VITE-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
83		Vitamin E % RDI	nutrientTypeCode(VITE-) & dailyValueIntakePercent	R	
84		Vitamin K (mcg)	nutrientTypeCode(VITK) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
85		Vitamin K % RDI	nutrientTypeCode(VITK) & dailyValueIntakePercent	R	
86		Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Zinc (mg)	nutrientTypeCode(ZN) & measurementPrecisionCode & quantityContained & measurementUnitCode	R
87	Zinc % RDI USA		nutrientTypeCode(ZN) & dailyValueIntakePercent	R	
88		Nutrient Value Derivation Code	nutrientValueDerivationCode		
89	Allergen Information	Allergen Relevant Data Provided	isAllergenRelevantDataProvided	R	
90		Eggs	allergenTypeCode (AE) & levelOfContainmentCode	M	Mandatory if isAllergenRelevantDataProvided is not Yes/true
91		Fish	allergenTypeCode (AF) & levelOfContainmentCode	M	
92		Milk	allergenTypeCode (AM) & levelOfContainmentCode	M	
93		Tree Nuts	allergenTypeCode (AN) & levelOfContainmentCode	M	

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Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
94		Peanuts	allergenTypeCode (AP) & levelOfContainmentCode	M	
95		Soybeans	allergenTypeCode (AY) & levelOfContainmentCode	M	
96		Shellfish	allergenTypeCode(UN) & levelOfContainmentCode	M	
97		Crustacean	allergenTypeCode (AC) & levelOfContainmentCode	M	
98		Wheat	allergenTypeCode(UW) & levelOfContainmentCode	M	
99		Sesame	allergenTypeCode(AS) & levelOfContainmentCode	R	
100		Sulphites	allergenTypeCode(AU) & levelOfContainmentCode	R	
101		Allergen Specification Agency	allergenSpecificationAgency	R	
102		Allergen Specification Name	allergenSpecificationName	R	
103			Nutrition Label Type	nutritionalLabelTypeCode	
104		Child Nutrition Information	childNutritionProductIdentification & childNutritionExpirationDateTime & childNutritionLabelStatement & childNutritionQualifierCode & childNutritionQualifiedValue & childNutritionValue & childNutritionLabelDocument	R	
105	Ingredient Information	Ingredients	ingredientStatement	M	
106		Sub Ingredients	ingredientSequence & ingredientName & ingredientPlaceOfActivity	R	
107		Nutritional Claim Description	nutritionalClaim	R	
108		Nutritional Claim Detail	nutritionalClaimTypeCode & nutritionalClaimNutrientElementCode & claimMarkedOnPackage	R	
109		Food Beverage Composition	foodBeverageCompositionCode & foodBeverageCompositionDatabaseCode & foodBeverageCompositionDescription	R	

Hazmat

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1		Is Dangerous Substance	isDangerousSubstance	M	
2		Dangerous Goods Technical Name	regulatoryActComplianceLevelCode	C	
3		Material Safety Data Sheet Number	sDSSheetNumber	C	
4		United Nations Dangerous Goods Number	unitedNationsDangerousGoodsNumber	C	
5		Dangerous Goods Packing Group	dangerousGoodsPackingGroup	C	
6		Class Of Dangerous Goods	classOfDangerousGoods	C	
7		Does Trade Item Contain Propellant	doesTradeItemContainPropellant	R	Added 4/15/22
8		MSDS - PDF	uniformResourceIdentifier/ uniformResourceIdentifier	C	As of 4/15/22 - SAFETY_DATA_SHEET – Conditional – Mandatory at the Highest Below Pallet' Level of the Hierarchy for certain GPC bricks (I.E. Chemicals, Cleaners, & Aerosols)
9		Regulatory Information	regulationTypeCode & regulatoryAct & regulatoryAgency & isTradeItemRegulationCompliant & isPackagingMarkedWith & regulatoryActComplianceLevelCode	R	regulationTypeCode = PROP_65 is preferable