



Grocery Outlet
Data Synchronization Implementation Guide

Version 2.0



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I. GROCERY OUTLET DATA SYNCHRONIZATION INFORMATION

Grocery Outlet 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. Grocery Outlet 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 bmcmaster@cfgo.com
- Grocery Outlet - Publish to:
 - GLN **0686467000007**








II. SYNCING YOUR DATA WITH GROCERY OUTLET

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 Sales@Syndigo.com to get started. To learn more about the GDSN, you may visit <https://www.syndigo.com/product-information-management-syndication/gdsn/> or reach out to bmcmaster@cfgo.com to get more information.
3. Grocery Outlet 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 bmcmaster@cfgo.com with your GLN and indicate your products are ready to publish. Grocery Outlet will set up a GDSN subscription for your Information Provider GLN.
5. Publish your full product catalog (both existing and available to purchase items)
 - Grocery Outlet Company GLN = **0686467000007**
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

<p>Plated or Styled or Worn Image Sample File Name 01234567890123_D1CF.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>Inner pack Sample File Name: 12345678910113_C3CB.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. GROCERY OUTLET CIC RESPONSE MESSAGES

- “Review” – Grocery Outlet has found a GTIN match in their Enterprise Data system, however Grocery Outlet 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 bmcmaster@cfgo.com
- “Synchronized” – Grocery Outlet has found a GTIN match in their Enterprise Data system. The item passed all Grocery Outlet’s validations and has been ingested into Grocery Outlet’s systems.
- “Received” – A received CIC will automatically be sent when the publication is received by Grocery Outlet and is passing all validations however it has not yet been ingested into the Grocery Outlet’s Systems.



VI. ADDITIONAL RESOURCES

1. GS1US Foodservice Image Guidelines and Requirements

Grocery Outlet follows GS1 Standard Image Guidelines for the collection and processing of Images ([GS1 US Product Images Application Guideline for the Retail Grocery & Foodservice Industries](#)) Grocery Outlet 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 Grocery Outlet. 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>



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VII. ATTRIBUTE REQUIREMENTS TABLE

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

Core

Attribute s #	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	GTIN	gtin	M	
4	Bar Code / Data Carrier	GS1 Trade Item Identification Key Code (UPC)	gs1TradeItemIdentificationKeyCode	R	
5			gs1TradeItemIdentificationKeyValue	R	
6		Data Carrier Type Code	dataCarrierTypeCode	R	
7	Unit Descriptor	Product Type	tradeItemUnitDescriptor	M	
8	Company Name (Brand Owner)	Brand Owner GLN	brandOwner/gln	M	
9		Brand Owner Name	brandOwner/partyName	M	
10	Company Name (Manufacturer)	Manufacturer GLN	manufacturerOfTradeItem/gln	M	
11		Manufacturer Name	manufacturerOfTradeItem/partyName	M	
12	Company Name (Information Provider)	Information Owner GLN	informationProviderOfTradeItem/gln	M	
13		Information Owner Name	informationProviderOfTradeItem/partyName	M	
14	Manufacturer Product Number	Supplier Assigned Product Code	additionalTradeItemIdentificationTypeCode(SUPPLIER_ASSIGNED) & additionalTradeItemIdentification	R	
15	Manufacturer Short Product Description	Short Description	descriptionShort	C	Short Description or Trade Item Description must be provided
16	Product Name	Trade Item Description	tradeItemDescription	C	

Core continued:



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Core continued:

Attribute s #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
19	Temperatures	Storage Temp From	temperatureQualifierCode(STORAGE_HANDLING) & minimumTemperature & temperatureMeasurementUnitCode	R	
20		Storage Temp To	temperatureQualifierCode(STORAGE_HANDLING) & maximumTemperature & temperatureMeasurementUnitCode	R	
21		Delivery to Distribution Center Temp From	temperatureQualifierCode(DELIVERY_TO_DISTRIBUTION_CENTRE) & minimumTemperature & temperatureMeasurementUnitCode	R	
22		Delivery to Distribution Center Temp To	temperatureQualifierCode(DELIVERY_TO_DISTRIBUTION_CENTRE) & maximumTemperature & temperatureMeasurementUnitCode	R	
23		Transportation Temp From	temperatureQualifierCode(TRANSPORTATION) & minimumTemperature & temperatureMeasurementUnitCode	R	
24		Transportation Temp To	temperatureQualifierCode(TRANSPORTATION) & maximumTemperature & temperatureMeasurementUnitCode	R	
25	Shelf Life	Minimum Trade Item Lifespan From Time Of Production	minimumTradeItemLifespanFromTimeOfProduction	R	
26		Minimum Trade Item Lifespan From Time Of Arrival	minimumTradeItemLifespanFromTimeOfArrival	R	
27	Child GTIN	Next Lower Level GTIN	gtin (child)	C	Dependent (Based on level of Hierarchy)
28	Quantity of Child GTIN Units	Qty of Next Lower Level	QuantityOfNextLowerLevelTradeItem	C	Mandatory if Lower Level Packaging exists and has GTIN
29	Inner Pack Quantity (No GTIN Assigned)	Quantity Of Inner Pack	quantityOfInnerPack	C	Mandatory if Lower Level Packaging exists with no GTIN
30	Item in Inner Pack Quantity (No GTIN Assigned)	Quantity Of Next Level Trade Item Within Inner Pack	quantityOfNextLevelTradeItemWithinInnerPack	C	Mandatory based on the presence of a child GTIN
31	Number of Next Lower Level GTINs	Number of Next Lower Level GTINs	quantityOfChildren	C	Dependent (Based on level of Hierarchy)
32	Trade Item Weights	Package Weight & UOM	grossWeight & measurementUnitCode	M	
33		Net Weight & UOM	netWeight & measurementUnitCode	M	



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Attribute s #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
34	Trade Item Measurements	Package Height & UOM	height & measurementUnitCode	M	
35		Package Width & UOM	width & measurementUnitCode	M	
36		Package Depth & UOM	depth & measurementUnitCode	M	
37		Volume & UOM	inBoxCubeDimension & measurementUnitCode	M	
38		Net Content & UOM	netContent & measurementUnitCode	R	
39		Individual Unit Minimum & UOM	individualUnitMinimumSize & measurementUnitCode	R	
40		Individual Unit Maximum & UOM	individualUnitMaximumSize & measurementUnitCode	R	
41		Non Packaged Size Dimension	descriptiveSizeDimension & sizeDimension & sizeDimension measurementUnitCode & sizeSystemCode & sizeTermDescription & sizeTypeCode & isSizeTypeVariant	R	
42	Pack Size Text	Shipping Container Quantity Description	shippingContainerQuantityDescription	R	
43	Catch Weight	Package Quantity Can Vary	isTradeItemAVariableUnit	M	
44	Trade Item Dates	Information Effective Date	effectiveDateTime	M	
45		Discontinued Date	discontinuedDateTime	R	
46	Delivery Purchasing Information	Market Availability Date	startAvailabilityDateTime	R	
47		Start Date Time Of Exclusivity	startDateTimeOfExclusivity	R	
48		Order Sizing Factor	orderSizingFactor & measurementUnitCode	R	
49	Target Market	Target Market Country Code	targetMarketCountryCode	R	
50	Country of Origin (Item Level)	Place of Product Activity/Country Origin of Product	placeOfProductActivity/countryOfOrigin	R	
51	Pallet Ti and Pallet Hi (No Pallet GTIN)	Quantity Of Trade Items Per Pallet Layer (NON-Pallet GTIN)	quantityOfTradeItemsPerPalletLayer	R	
52		Quantity Of Layers Per Pallet (NON-Pallet GTIN)	quantityOfLayersPerPallet	R	
53		Total Pallet Quantity	quantityOfTradeItemsPerPallet	R	



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Core continued:

Attribute #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
54	Pallet Ti and Pallet Hi (Pallet GTIN)	Items Per Pallet Layer	quantityOfTradeItemsContainedInACompleteLayer	R	
55		Layers Per Pallet	quantityOfCompleteLayersContainedInATradeItem	R	
56	Return Information	Is Non Sold Trade Item Returnable	isNonSoldTradeItemReturnable	R	
57	Is Trade Item Consumer Unit?	Item is Sold to the Consumer	isTradeItemAConsumerUnit	M	
58	Is Trade Item Shipping Unit?	Item is Shipped/Despatched at this Packaging Level	isTradeItemADespatchUnit	M	
59	Is Trade Item Invoice Unit?	Item is Invoiced at this Packaging Level	isTradeItemAnInvoiceUnit	M	
60	Is Trade Item Orderable?	Item is Ordered at this Packaging Level	isTradeItemAnOrderableUnit	M	
61	Is Item the Base Unit (Lowest Packaging Level)	Item is the Lowest Packaging Level	isTradeItemABaseUnit	M	
62	Is Packaging marked as Returnable?	Packaging is Returnable	isPackagingMarkedReturnable	R	
63	Is the Item marked as recyclable?	Is Trade Item Marked As Recyclable	isTradeItemMarkedAsRecyclable	R	
64	Packaging Information	Packaging Material Code/Description	packagingMaterialTypeCode & packagingMaterialDescription	R	
65		Recycling Process Type	packagingRecyclingProcessTypeCode(RECYCLABLE)	R	
66		Packaging Sustainability Feature	packagingSustainabilityFeatureCode(MADE_FROM_RENEWABLE_MATERIAL)	R	
67	Is the Item marked with a Batch/Lot Number?	Has Batch Number	hasBatchNumber	R	
68	Package Marks	Type of Date on Packaging	tradeItemDateOnPackagingTypeCode	R	



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Core continued:

Attribute s #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
69	Regulatory Information	Buy American Act	regulationTypeCode(BUY_AMERICAN_ACT) & regulatoryAct & regulatoryAgency & isTradeItemRegulationCompliant & isPackagingMarkedWithRegulatoryCompliance	R	
70		By American Provision USDA	regulationTypeCode(BUY_AMERICAN_PROVISION_USDA) & regulatoryAct & regulatoryAgency & isTradeItemRegulationCompliant & isPackagingMarkedWithRegulatoryCompliance	R	
71	Consumer Product Variant	Production Variant Description	productionVariantDescription (future version - consumerProductVariantDescription)	R	
72		Production Variant Effective Date	productionVariantEffectiveDateTime (future version - consumerProductVariantStartEffectiveDateTime)	R	
73		Consumer Product Variant End Effective Date Time	consumerProductVariantEndEffectiveDateTime	R	
74		Consumer Product Variant Reason	consumerProductVariantReasonCode	R	
75		Consumer Product Variant Identification	consumerProductVariantIdentification	R	
76		Case Description	caseDescription	R	
77		Trade Item E-Content	econtentEnvironmentTypeCode & econtentTradeItemStatement	R	
78	For More Information (Contact Information)	Trade Item Contact Information	contactTypeCode & availableTime & contactName & communicationNumber & communicationChannelCode & communicationValue	R	



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Images & Documentation

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1		Image URL	uniformResourceIdentifier	R	
2		File Name and Format	fileName & fileFormatName	R	
3		File Type	referencedFileTypeCode	R	
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	R	
2	Manufacturer Expanded Product Description	Additional Description	additionalTradeItemDescription	R	
3		Brand Marketing Description	brandMarketingDescription	R	
4	Storage & Usage	Consumer Storage Instructions	consumerStorageInstructions	R	
5		Consumer Usage Instructions	consumerUsageInstructions	R	
6	Preparation & Cooking Instructions	Prep & Cook Suggestions	preparationInstructions	R	
7		Preparation Type	preparationTypeCode	R	
8		Serving Suggestion	servingSuggestion	R	
9	Package Marks	Package Marks Environment	packagingMarkedLabelAccreditationCode	R	All valid code values are accepted BEST_AQUACULTURE_PRACTICES; FAIR_TRADE_MARK; GREEN_DOT; USDA etc
10		Front Face Type Code	frontFaceTypeCode	R	
11	Diet Type Information	Diet Type	dietTypeCode	R	All valid code values are accepted ORGANIC; KOSHER; HALAL; VEGAN; DIABETIC; COELIAC; PALEO etc FREE_FROM_GLUTEN Gluten-Free is a very important attribute for Gordon Food Service customers. Although not mandatory, it is strongly requested that you send this information
12			dietTypeSubcode	R	
13		Diet Certifications	certificationValue & certificationAgency & certificationStandard & certificationEffectiveStartDate & certificationEffectiveEndDate & certificationIdentification	R	
14	Farming and Processing Information	Growing Method	growingMethodCode	R	All valid code values are accepted ORGANIC; CAGE_FREE; FARM_RAISED; GRASS_FED etc
15		Genetically Modified Declaration Code	geneticallyModifiedDeclarationCode	R	
16		Tasting Notes	tastingNotes	R	
17		Trade Item Story	tradeItemStory	R	
18		Target Consumer Usage	targetConsumerUsageTypeCode & targetConsumerMinimumUsage & targetConsumerMaximumUsage	R	



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Nutrition

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Servings of the Trade Item Unit	Number of Servings Per Package	numberOfServingsPerPackage	R	
2	Nutrition Fact Serving Size with UOM	Serving Size	servingSize & measurementUnitCode	R	
3	Serving Size Text	Serving Size Description	servingSizeDescription	R	
4		Servings Per Package Description	servingsPerPackageDescription	R	
5	Nutrient Relevant Data Provided	Is Nutrient Relevant Data Provided	isNutrientRelevantDataProvided	R	
6	Nutritional Information	Nutrient Format Type Code Reference	nutrientFormatTypeCodeReference	R	
7	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Preparation State	preparationStateCode	R	
8		Basis Type Code	nutrientBasisQuantityTypeCode	R	
9		Basis Quantity	nutrientBasisQuantity & measurementUnitCode	R	
10		Calories (Cal)	nutrientTypeCode(ENER-) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14)	R	
11		Calories from Fat (Cal)	nutrientTypeCode(ENERPF) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14)	R	
12		Biotin	nutrientTypeCode(BIOT) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
13		Biotin % RDI USA	nutrientTypeCode(BIOT) & dailyValueIntakePercent	R	
14		Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
15		Calcium % RDI USA	nutrientTypeCode(CA) & dailyValueIntakePercent	R	



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Nutrition continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
16	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
17		Carbohydrates (g)	nutrientTypeCode(CHO-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
18		Carbohydrates % RDI	nutrientTypeCode(CHO-) & dailyValueIntakePercent	R	
19		Chloride (mg)	nutrientTypeCode(CLD) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
20		Chloride % RDI USA	nutrientTypeCode(CLD) & dailyValueIntakePercent	R	
21		Cholesterol (mg)	nutrientTypeCode(CHOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
22		Cholesterol % RDI	nutrientTypeCode(CHOL-) & dailyValueIntakePercent	R	
23		Chromium (mcg)	nutrientTypeCode(CR) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
24		Chromium % RDI	nutrientTypeCode(CR) & dailyValueIntakePercent	R	
25		Copper (mg)	nutrientTypeCode(CU) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
26		Copper % RDI	nutrientTypeCode(CU) & dailyValueIntakePercent	R	
27		Folate (mcg)	nutrientTypeCode(FOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
28		Folate % RDI	nutrientTypeCode(FOL-) & dailyValueIntakePercent	R	
29		Insoluble Fibre (g)	nutrientTypeCode(FIBINS) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
30		Iron (mg)	nutrientTypeCode(FE) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
31		Iron % RDI	nutrientTypeCode(FE) & dailyValueIntakePercent	R	
32	Magnesium (mg)	nutrientTypeCode(MG) & measurementPrecisionCode & quantityContained & measurementUnitCode	R		
33	Magnesium % RDI	nutrientTypeCode(MG) & dailyValueIntakePercent	R		



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Nutrition continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
34	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Manganese (mg)	nutrientTypeCode(MN) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
35		Manganese % RDI	nutrientTypeCode(MN) & dailyValueIntakePercent	R	
36		Molybdenum (mcg)	nutrientTypeCode(MO) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
37		Molybdenum % RDI	nutrientTypeCode(MO) & dailyValueIntakePercent	R	
38		Monounsaturated Fat (g)	nutrientTypeCode(FAMS) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
39		Niacin (mg)	nutrientTypeCode(NIA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
40		Niacin % RDI	nutrientTypeCode(NIA) & dailyValueIntakePercent	R	
41		Other Carbohydrates (g)	nutrientTypeCode(CHOAVL) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
42		Other Carbohydrates %RDI	nutrientTypeCode(CHOAVL) & dailyValueIntakePercent	R	
43		Pantothenic (mg)	nutrientTypeCode(PANTAC) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
44		Pantothenic % RDI	nutrientTypeCode(PANTAC) & dailyValueIntakePercent	R	
45		Phosphorous (mg)	nutrientTypeCode(P) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
46		Phosphorous % RDI	nutrientTypeCode(P) & dailyValueIntakePercent	R	
47		Polyunsaturated Fat (g)	nutrientTypeCode(FAPU) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
48		Potassium (mg)	nutrientTypeCode(K) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
49		Potassium % RDI	nutrientTypeCode(K) & dailyValueIntakePercent	R	
50		Protein (g)	nutrientTypeCode(PRO-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	



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Nutrition continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
51	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Riboflavin B2 (mg)	nutrientTypeCode(RIBF) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
52		Riboflavin % RDI	nutrientTypeCode(RIBF) & dailyValueIntakePercent	R	
53		Saturated Fat (g)	nutrientTypeCode(FASAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
54		Saturated Fat % RDI	nutrientTypeCode(FASAT) & dailyValueIntakePercent	R	
55		Selenium (mcg)	nutrientTypeCode(SE) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
56		Selenium % RDI	nutrientTypeCode(SE) & dailyValueIntakePercent	R	
57		Sodium (mg)	nutrientTypeCode(NA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
58		Sodium % RDI	nutrientTypeCode(NA) & dailyValueIntakePercent	R	
59		Soluble Fiber (g)	nutrientTypeCode(FIBSOL) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
60		Thiamin	nutrientTypeCode(THIA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
61		Thiamin % RDI	nutrientTypeCode(THIA) & dailyValueIntakePercent	R	
62		Total Dietary Fiber (g)	nutrientTypeCode(FIBTSW) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
63		Total Dietary Fiber % RDI	nutrientTypeCode(FIBTSW) & dailyValueIntakePercent	R	
64		Total Fat (g)	nutrientTypeCode(FAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
65		Total Fat % RDI	nutrientTypeCode(FAT) & dailyValueIntakePercent	R	
66		Total Sugar (g)	nutrientTypeCode(SUGAR-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
67		Added Sugar	nutrientTypeCode(SUGAD) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
68		Added Sugar % RDI USA	nutrientTypeCode(SUGAD) & dailyValueIntakePercent	R	
69		Total Sugar % RDI	nutrientTypeCode(SUGAR-) & dailyValueIntakePercent	R	
70		Transfatty Acids (g)	nutrientTypeCode(FATR) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	



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Nutrition continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
51	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Riboflavin B2 (mg)	nutrientTypeCode(RIBF) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
52		Riboflavin % RDI	nutrientTypeCode(RIBF) & dailyValueIntakePercent	R	
53		Saturated Fat (g)	nutrientTypeCode(FASAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
54		Saturated Fat % RDI	nutrientTypeCode(FASAT) & dailyValueIntakePercent	R	
55		Selenium (mcg)	nutrientTypeCode(SE) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
56		Selenium % RDI	nutrientTypeCode(SE) & dailyValueIntakePercent	R	
57		Sodium (mg)	nutrientTypeCode(NA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
58		Sodium % RDI	nutrientTypeCode(NA) & dailyValueIntakePercent	R	
59		Soluble Fiber (g)	nutrientTypeCode(FIBSOL) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
60		Thiamin	nutrientTypeCode(THIA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
61		Thiamin % RDI	nutrientTypeCode(THIA) & dailyValueIntakePercent	R	
62		Total Dietary Fiber (g)	nutrientTypeCode(FIBTSW) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
63		Total Dietary Fiber % RDI	nutrientTypeCode(FIBTSW) & dailyValueIntakePercent	R	
64		Total Fat (g)	nutrientTypeCode(FAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
65		Total Fat % RDI	nutrientTypeCode(FAT) & dailyValueIntakePercent	R	
66		Total Sugar (g)	nutrientTypeCode(SUGAR-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
67		Added Sugar	nutrientTypeCode(SUGAD) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
68		Added Sugar % RDI USA	nutrientTypeCode(SUGAD) & dailyValueIntakePercent	R	
69		Total Sugar % RDI	nutrientTypeCode(SUGAR-) & dailyValueIntakePercent	R	
70		Transfatty Acids (g)	nutrientTypeCode(FATR) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	



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Nutrition continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
71	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Vitamin A (IU)	nutrientTypeCode(VITA-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
72		Vitamin A IU % RDI	nutrientTypeCode(VITA-) & dailyValueIntakePercent	R	
73		Vitamin B12 (mcg)	nutrientTypeCode(VITB12) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
74		Vitamin B12 % RDI	nutrientTypeCode(VITB12) & dailyValueIntakePercent	R	
75		Vitamin B6 (mg)	nutrientTypeCode(VITB6-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
76		Vitamin B6 % RDI	nutrientTypeCode(VITB6-) & dailyValueIntakePercent	R	
77		Vitamin C (mg)	nutrientTypeCode(VITC-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
78		Vitamin C % RDI	nutrientTypeCode(VITC-) & dailyValueIntakePercent	R	
79		Vitamin D (mcg)	nutrientTypeCode(VITD-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
80		Vitamin D % RDI	nutrientTypeCode(VITD-) & dailyValueIntakePercent	R	
81		Vitamin E (mg)	nutrientTypeCode(VITE-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
82		Vitamin E % RDI	nutrientTypeCode(VITE-) & dailyValueIntakePercent	R	
83		Vitamin K (mcg)	nutrientTypeCode(VITK) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
84		Vitamin K % RDI	nutrientTypeCode(VITK) & dailyValueIntakePercent	R	
85		Zinc (mg)	nutrientTypeCode(ZN) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
86		Zinc % RDI USA	nutrientTypeCode(ZN) & dailyValueIntakePercent	R	



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Nutrition continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
87	Allergen Information	Allergen Relevant Data Provided	isAllergenRelevantDataProvided	R	
88		Milk	allergenTypeCode (AM) & levelOfContainmentCode	R	
89		Eggs	allergenTypeCode (AE) & levelOfContainmentCode	R	
90		Fish	allergenTypeCode (AF) & levelOfContainmentCode	R	
91		Crustacean	allergenTypeCode (AC) & levelOfContainmentCode	R	
92		Tree Nuts	allergenTypeCode (AN) & levelOfContainmentCode	R	
93		Peanuts	allergenTypeCode (AP) & levelOfContainmentCode	R	
94		Wheat	allergenTypeCode(UW) & levelOfContainmentCode	R	
95		Soybeans	allergenTypeCode (AY) & levelOfContainmentCode	R	
96		Sesame	allergenTypeCode(AS) & levelOfContainmentCode	R	
97		Sulphites	allergenTypeCode(AU) & levelOfContainmentCode	R	
98		Corn	allergenTypeCode(NM) & levelOfContainmentCode	R	
99		Agency Name	allergenSpecificationAgency	R	
100		Agency Name	allergenSpecificationName	R	
101	Child nutrition label	Child Nutrition Flag	nutritionalLabelTypeCode (1)	R	
102		Child Nutrition label	childNutritionProductIdentification & childNutritionExpirationDateTime & childNutritionLabelStatement & childNutritionQualifierCode & childNutritionQualifiedValue & childNutritionValue & referencedFileTypeCode(CHILD_NUTRITION_LABEL) & uniformResourceIdentifier & fileFormatName & fileName & fileEffectiveStartDateTime	R	
103	Ingredient Information	Ingredient Statement	ingredientStatement	R	



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Nutrition continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
104		Additive Statement	FoodAndBeverageIngredientModule/additiveStatement	R	
105		Nutritional Program Code	nutritionalProgramCode	R	
106	Nutritional Claim Detail	Nutritional Claims	nutritionalClaimTypeCode & nutritionalClaimNutrientElementCode & claimMarkedOnPackage	R	All Valid combinations of codes are accepted
107		Antibiotic Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(ANTIBIOTICS) & claimMarkedOnPackage	R	
108		Low Calorie	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(CALORIE) & claimMarkedOnPackage	R	
109		Reduced Calorie	nutritionalClaimTypeCode(REduced_LESS) & nutritionalClaimNutrientElementCode(CALORIE) & claimMarkedOnPackage	R	
110		Zero Calorie	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(CALORIE) & claimMarkedOnPackage	R	
111		Cholesterol Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(CHOLESTEROL) & claimMarkedOnPackage	R	
112		Low Cholesterol	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(CHOLESTEROL) & claimMarkedOnPackage	R	
113		Dairy Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(DAIRY) & claimMarkedOnPackage	R	
114		Fat Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(FAT) & claimMarkedOnPackage	R	
115		Reduced Fat	nutritionalClaimTypeCode(REduced_LESS) & nutritionalClaimNutrientElementCode(FAT) & claimMarkedOnPackage	R	
116		Low Fat	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(FAT) & claimMarkedOnPackage	R	
117	Trans Fat Status	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(TRANS_FAT) & claimMarkedOnPackage	R		



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Nutrition continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
118	Nutritional Claim Detail	Lactose Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(LACTOSE) & claimMarkedOnPackage	R	
119		Can your product termed Natural or All Natural	nutritionalClaimTypeCode(NATURAL) & claimMarkedOnPackage	R	
120		Sodium Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(SODIUM_SALT) & claimMarkedOnPackage	R	
121		Reduced Sodium	nutritionalClaimTypeCode(REduced_LESS) & nutritionalClaimNutrientElementCode(SODIUM_SALT) & claimMarkedOnPackage	R	
122		Low Sodium	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(SODIUM_SALT) & claimMarkedOnPackage	R	
123		No Sugar Added	nutritionalClaimTypeCode(NO_ADDED) & nutritionalClaimNutrientElementCode(SUGARS) & claimMarkedOnPackage	R	
124		Made with Whole Grains	nutritionalClaimTypeCode(MADE_WITH) & nutritionalClaimNutrientElementCode(WHOLE_GRAIN) & claimMarkedOnPackage	R	
125		No Artificial Colors	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(ARTIFICIAL_COLOUR) & claimMarkedOnPackage	R	
126		No Artificial Flavors	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(ARTIFICIAL_FLAVOUR) & claimMarkedOnPackage	R	
127		No Preservatives Added	nutritionalClaimTypeCode(NO_ADDED) & nutritionalClaimNutrientElementCode(PRESERVATIVES) & claimMarkedOnPackage	R	
128		Free from MSG	nutritionalClaimTypeCode(NO_ADDED) & nutritionalClaimNutrientElementCode(MSG) & claimMarkedOnPackage	R	
129		No MSG Added	nutritionalClaimTypeCode(NO_ADDED) & nutritionalClaimNutrientElementCode(MSG) & claimMarkedOnPackage	R	
130		No Nitrate Added	nutritionalClaimTypeCode(NO_ADDED) & nutritionalClaimNutrientElementCode(NITRATE) & claimMarkedOnPackage	R	



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Nutrition continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
131	Nutritional Claim Detail	No Nitrites Added	nutritionalClaimTypeCode(NO_ADDED) & nutritionalClaimNutrientElementCode(SODIUM_NITRITE) & claimMarkedOnPackage	R	
132		Contains Gelatin	nutritionalClaimTypeCode(CONTAINS) & nutritionalClaimNutrientElementCode(GELATINE) & claimMarkedOnPackage	R	
133		Free from Gelatin	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(GELATINE) & claimMarkedOnPackage	R	
134		Free From High Fructose Corn Syrup	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(HIGH_FRUCTOSE_CORN_SYRUP) & claimMarkedOnPackage	R	
135		Corn Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(CORN) & claimMarkedOnPackage	R	



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Hazmat

Attribute #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Dangerous Substance	Is Dangerous Substance	isDangerousSubstance	R	
2	Dangerous Goods / Hazardous Information	Class Of Dangerous Goods	classOfDangerousGoods	R	
3		Dangerous Goods Technical Name	dangerousGoodsTechnicalName	R	
4		Dangerous Goods Packing Group	dangerousGoodsPackingGroup	R	
5		United Nations Dangerous Goods Number	unitedNationsDangerousGoodsNumber	R	
6		ADR Dangerous Goods Packaging Type Code	dangerousGoodsPackagingTypeCode	R	
7		Dangerous Goods Limited Quantities Code	dangerousGoodsLimitedQuantitiesCode	R	
8		Dangerous Goods Limited Quantity Index	dangerousGoodsLimitedQuantityIndex	R	
9		Dangerous Goods Subsidiary Class	dangerousGoodsSubsidiaryClass	R	
10	Safety Data Sheet (SDS) Information	Material Safety Data Sheet Number	sDSSheetNumber	R	
11		Flash Point Temperature	flashpointTemperature & temperatureMeasurementUnitCode	R	
12		Hazmat Image	uniformResourceIdentifier & referencedFileTypeCode (SAFETY_DATA_SHEET) & fileFormatName & fileName & fileEffectiveStartDateTime	R	