

Foodbuy



Foodbuy/Compass Group

Data Synchronization Implementation Guide

Version 2.0
October 2020

Foodbuy/Compass Group – Data Sync Profile

Primary Contact

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Foodbuy/Compass Group GLN – Publish To

Production: 0886721000006

Foodbuy/Compass Group Data Sync Environment

Data Pool: Attribytes

Publications

1. Suppliers should publish all items sold to Foodbuy/Compass Group.
2. Suppliers should publish their existing item catalog to Foodbuy/Compass Group.

Catalogue Item Confirmations (CIC's)

Foodbuy/Compass Group will automatically return a CIC within hours of the Supplier publishing to Foodbuy/Compass Group. Foodbuy/Compass Group makes use of the CIC as follows:

Received

This is the default response you will receive for each item processed by Foodbuy/Compass Group.

Review

A REVIEW message will be provided for items that have required attributes missing or Foodbuy/Compass Group suspect may contain errors in the attributes.

Synchronize

A SYNC message will be provided for items with all Foodbuy/Compass Group required fields present.

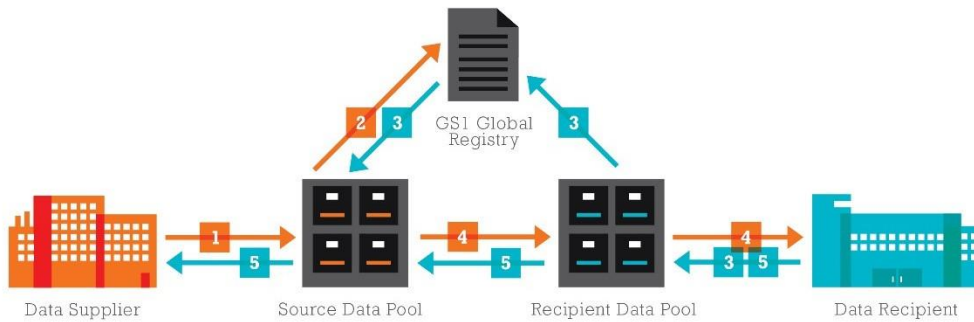
Reject

Foodbuy/Compass Group has no plans to utilize this type of message.

Overview of Supplier Implementation with Foodbuy/Compass Group

Data Synchronization is the electronic transfer of standardized **product** and **location** information between trading partners and the continuous synchronization of that data over time. The Global Data

Synchronization Network (GDSN) is an automated, standards based global environment that enables secure and continuous data synchronization, allowing all partners to have consistent item data in their systems at the same time.



Foodbuy's goal is to establish Global Data Synchronization Network (GDSN) as the preferred method of item setup and maintenance leading to improved efficiencies and item accuracy. Our objectives include developing a scalable and repeatable supplier onboarding program that provides a positive experience for all of Foodbuy/Compass Group's supplier community.

General Outline

Suppliers will normally follow five high-level steps in their implementation with Foodbuy/Compass Group:

- A. Initiate the GDSN relationship.
- B. Understand Compass Group's Attribute Requirements
- C. Load your accurate item data into your GDSN data pool and ensure it is ready for publication
- D. Publish and synchronize all existing items sold to Foodbuy/Compass Group as well as your entire item catalog
- E. Receive a CIC Message from Foodbuy/Compass Group

These steps are detailed in the next section.

Supplier Steps to Implement GDSN with Foodbuy/Compass Group

A. Initiate

1. Review the attribute requirement information in this document to ensure that you have the required attributes populated
2. Complete the Foodbuy Trading Partner Form located at <https://attribytes.com/gs1subscription/>
3. Foodbuy/Compass Group will prepare an Item List Report of the items currently carried by Foodbuy/Compass Group as necessary.
4. Foodbuy/Compass Group will create a subscription for your Information Provider GLN.
5. Compass Group will send an email to the supplier's primary data synchronization contact when they are ready for the first publications.

B. Understand the Attribute Requirements

6. Foodbuy/Compass Group is utilizing and requiring all recommended GS1 US Foodservice Initiative attributes. Foodbuy/Compass Group strongly recommends organizing, loading and sending these attributes via the GDSN as soon as possible.
 - A list of the GS1 Foodservice Initiative attributes can be found on the GS1 Website under 'Foodservice GS1 US GDSN Attribute Guide':
http://www.gs1us.org/sectors/foodservice/resource_library
 - A full listing of the Foodbuy/Compass Group attributes can be found below in Appendix A
7. All mandatory attributes are required at the case level and below. If a product is sold to Foodbuy/Compass Group at a packaging level above the case, all mandatory attributes are required at that packaging level above the case down to the lowest level of packaging.

C. Load Items

8. Load all items into your GDSN Data Pool and publish to Foodbuy/Compass Group.
 - Contact your data pool for any education you might require to complete this step.

D. Publish Items

9. Foodbuy/Compass Group is requesting you publish all items in your catalog, not just your items sold currently to Foodbuy/Compass Group
10. Items can be sent with a Publication Type of "New Load" or "Initial Load", Foodbuy/Compass Group will process them the same way.

E. CIC Message Responses

11. Received
 - This is the default response you will receive for each item processed by Foodbuy/Compass Group.
12. Review
 - REVIEW message will be provided for items that have required attributes missing or Foodbuy/Compass Group suspect may contain errors in the attributes.
13. Synchronize
 - A SYNC message will be provided for items with all Foodbuy/Compass Group required fields present.
14. Reject
 - Foodbuy/Compass Group has no plans to utilize this type of message.

Image Requirements

4 High Resolution images are requested, 5 if internal packaging exists. All images should utilize GS1 approved file naming conventions.

Out of Package. Product should be removed from its case in a raw or uncooked state.

Raw = GTIN_C1CC

- C = Single Shot; Single Product (Hi-Resolution)
- 1 = Facing Indicator of Front
- C = Angle Identifier of Center
- C = Raw/Uncooked

Glamour Shot. A plated, staged, prepared, or styled shot of the product 'in use'.

Beauty Shot = GTIN_C1CD

- C = Single Shot; Single Product (Hi-Resolution)
- 1 = Facing Indicator of Front
- C = Angle Identifier of Center
- D = Prepared

Internal Packaging. Product removed from the case while in its internal packaging (no image necessary if internal packaging does not exist)

Package = GTIN_C1CB

- C = Single Shot; Single Product (Hi-Resolution)
- 1 = Facing Indicator of Front
- C = Angle Identifier of Center
- B = Inner Pack (as it would appear inside its packaging inside the case)

Opened Case. Photo of the opened case showing the secondary packaging inside

Case = GTIN_C1CA

- C = Single Shot; Single Product (Hi-Resolution)
- 1 = Facing Indicator of Front
- C = Angle Identifier of Center
- A = Case (as It would appear to the operator upon delivery)

Unopened Case. Photo of the unopened case

Open Case = GTIN_C1CM

- C = Single Shot; Single Product (Hi-Resolution)
- 1 = Facing Indicator of Front
- C = Angle Identifier of Center
- M = Open Case (as it would look when an operator receives the product and opens the case)

Image & Attachment Notes:

1. Within the Foodbuy/Compass Group's internal applications URLs will be displayed as images provided that:
 - The Information Type is one of: Product, Out-of-Box or Planogram, and

- The File Format is one of : JPG, GIF, PNG, or BMP
2. URL's must be the complete and direct link to the image - e.g.
<http://www.mysite.com/images/image1234.png>
 3. URL's must be publicly accessible.
 4. Images must be suitable for display in a web browser – format and resolution
 - a. A resolution of 500x500 is suggested.
 5. The Image Description will be used as a caption.

Foodbuy/Compass Group GDSN Attribute Requirements

Required Attributes

Foodbuy/Compass Group currently requires the following **mandatory/required set of attributes**:

Information Provider GLN/Information Provider Name	Qty of Next Level Item(s)
Target Market	Height/Height UOM
Global Trade Item Number (GTIN)	Width/Width UOM
Product Type	Depth/Depth UOM
Short Description / POS Desc. 1	Gross Weight/Gross Weight UOM
Language	Country of Origin
Brand Name	Brand Owner GLN/Brand Owner Name
Functional Name	Storage/Handling Temp Min/Storage/Handling Temp Min UOM
Global Item Classification Code (GPC Code)	Net Weight/Net Weight UOM
Start Availability Date	Net Content/Net Content UOM
Effective Date	Individual Unit Min/Individual Unit Min UOM
Manufacturer GLN/Manufacturer Name	Individual Unit Max/Individual Unit Max UOM
Quantity of Next Level GTIN within Inner Pack	Inner Pack
Min Product Lifespan from Production	Type Of Information
Uniform Resource Identifier	Link File Name
File Effective Start Date	File Format Name

See the Field Name Cross Reference below and consult the GDSN documentation for definitions of the above attributes.

In addition, suppliers must provide “pack size” information. There are two possible methods:

1. Assign and publish GTIN’s to lower levels of packaging. “Size/Size UOM” will be determined from Net Content at the lowest level of packaging and “Pack” will be determined by the number of “base units” in the higher level of packaging (i.e. determined from the link quantities of GTIN hierarchy).
2. Use the following GDSN fields to send the unmarked “contents” of GTIN
 - Inner Pack Quantity (No GTIN Assigned)
 - Item in Inner Pack Quantity (No GTIN Assigned)
 - Individual Unit Measures

See the Appendix “Individual Unit Measures” and “Unmarked Inners” for the detailed field names for these attributes

Food and Beverage Required Attributes

The below attributes apply to all food related items.

Ingredients List	Nutrient Relevant Data Provided
Marketing Message	Nutrient Basis Quantity
Preparation Type	Serving Size Preparation State
Preparation Instructions	Preparation State
Consumer Usage Storage Instructions	Serving Size Weight /Serving Size UOM
Serving Suggestion	Household Serving Size
Allergen Relevant Data Provided	Number of Servings Per Package
Allergen Type Code: AC - Crustacean, AE - Eggs, AF - Fish, AM - Dairy/Milk, AN - Treenuts; Nuts and derivates, AP - Peanuts, AY - Soybeans, UW - Wheat, AS - Sesame Seeds, AU - Sulfites, BM - Mustard	Nutrition Label Type Code
Level Of Containment	Nutrient Type Code
Allergen Specification Agency	Nutrient Quantity Contained
Allergen Specification Name	Nutrient UOM
Diet Type Code	Measurement Precision
Diet Type Description	Percentage Of Daily Value Intake
Diet Certification Agency	Nutrient Value Derivation
Diet Certification Number	Child Nutrition Label

Appendix A

Required Foodbuy Foodservice Product Attributes

Legend		
M = Subset of attributes required by Foodbuy to process your publication.	R = Additional attributes requested by Foodbuy	C = Conditional

Core:

Common Name	Unique Field Name	Global Data Dictionary Tag	
Brand Name	Brand Name	brandName	M
	Sub Brand	subBrand	R
GTIN	GTIN	GTIN	M
Barcode	Barcode Symbology	dataCarrierTypeCode	R
	Barcode Value Type	gs1TradeItemIdentificationKeyCode	R
	Barcode	gs1TradeItemIdentificationKeyValue	R
Product Type	Product Type	tradeItemUnitDescriptorCode	M
Is Trade Item Orderable?	Is Trade Item Orderable	isTradeItemAnOrderableUnit	R
Company Name (Brand Owner)	Brand Owner GLN	partyRoleCode(BRAND_OWNER) & gln	M
	Brand Owner	partyRoleCode(BRAND_OWNER) & partyName	M
Company Name (Manufacturer)	Manufacturer GLN	partyRoleCode(MANUFACTURER_OF_GOODS) & gln	M
	Manufacturer	partyRoleCode(MANUFACTURER_OF_GOODS) & partyName	M
Company Name (Information Provider)	Information Provider GLN	partyRoleCode(INFORMATION_PROVIDER) & gln	M
	Information Provider	partyRoleCode(INFORMATION_PROVIDER) & partyName	M
Manufacturer Product Number	Product Code Type	additionalTradeItemIdentificationTypeCode	M
Manufacturer Product Number	Product Code	additionalTradeItemIdentificationValue	M
Redistributor Product Code	Product Code Type	additionalTradeItemIdentificationTypeCode(DISTRIBUTOR_ASSIGNED)	R
Redistributor Product Code	Product Code	additionalTradeItemIdentificationValue	R
Private Label	Brand Distribution Type	brandDistributionTypeCode	R
Manufacturer Short Product Description	English Product Name Short	descriptionShort	R
Product Name	English Product Name Long	tradeItemDescription	M

Storage Temperature Max and Min with UoM	Storage Temp From	temperatureQualifierCode(STORAGE_HANDLING) & minimumTemperature & UOM	C
	Storage Temp To	temperatureQualifierCode(STORAGE_HANDLING) & maximumTemperature & UOM	C
Gross Weight with UoM	Gross Weight	grossWeight & UOM	M
Net Weight with UoM	Net Weight	netWeight & UOM	M
Catch Weight	Variable Unit	isTradeltemAVariableUnit	M
Height with UoM	Height	height & UOM	M
Width with UoM	Width	width & UOM	M
Depth with UoM	Length	depth & UOM	M
Cube with UoM	Volume	inBoxCubeDimension & UOM	M
Pallet Ti and Pallet Hi	Pallet High	quantityOfLayersPerPallet	M
Pallet Ti and Pallet Hi	Pallet Tie	quantityOfTradeltemsPerPalletLayer	M
Shelf Life from Production	Shelf Life	minimumTradeltemLifespanFromTimeOfProduction	C
Shelf Life from Arrival	Shelf Life from Arrival	minimumTradeltemLifespanFromTimeOfArrival	C
Item Availability Date	Item Availability Date	startAvailabilityDateTime	R
Effective Date of Change	Product Effective Date	effectiveDateTime	R
Is Trade Item Consumer Unit?	Is it a Consumer Unit	isTradeltemAConsumerUnit	R
Is Trade Item Shipping Unit?	Is trade item shipping unit	isTradeltemADespatchUnit	R
Country of Origin	Country Origin of Product	tradeltemCountryOfOrigin	M
Is Trade Item Invoice Unit?	Is it an Invoice Unit	isTradeltemAnInvoiceUnit	R
Packaging Dates	Type of Date on Packaging	tradeltemDateOnPackagingTypeCode	R
	Discontinue Date	discontinuedDateTime	R
Kosher, Vegan, Halal, Gluten-free etc.	Diet Type: COELIAC	dietTypeCode(COELIAC)	R
	Diet Type: DIETETIC	dietTypeCode(DIETETIC)	R
	Diet Type: FREE_FROM_GLUTEN	dietTypeCode(FREE_FROM_GLUTEN)	R
	Diet Type: HALAL	dietTypeCode(HALAL)	R
	Diet Type: KOSHER	dietTypeCode(KOSHER)	R
	Diet Type Subcode for KOSHER	dietTypeCode(KOSHER) & dietTypeSubcode	R
	Kosher Certification Agency	certificationAgency for dietTypeCode(KOSHER)	R
	Kosher Certification id	certificationIdentification for dietTypeCode(KOSHER)	R
	Diet Type: VEGAN	dietTypeCode(VEGAN)	R
	Diet Type: VEGETARIAN	dietTypeCode(VEGETARIAN)	R
	Diet Type Subcode for VEGETARIAN	dietTypeCode(VEGETARIAN) & dietTypeSubcode	R
	Diet Type: WITHOUT_BEEF	dietTypeCode(WITHOUT_BEEF)	R
	Diet Type: WITHOUT_PORK	dietTypeCode(WITHOUT_PORK)	R
Growing Method	Organic	growingMethodCode(ORGANIC)	R

Organic	Organic Claim Agency	organicClaimAgencyCode	R
	Organic Trade Item Code	organicTradeItemCode	R
Is Item the Base Unit (Lowest Packaging Level)	Is trade Item a Base Unit	isTradeItemABaseUnit	R
Is Packaging marked as Returnable?	Is packaging marked as Returnable	isPackagingMarkedReturnable	R
Is the Item marked with a Batch/Lot Number?	Marked with Batch Number	hasBatchNumber	R
Are non-sold items returnable?	Are non-sold items returnable	isNonSoldTradeItemReturnable	R
Is the Item marked as recyclable?	Is it marked as recyclable	isTradeItemMarkedAsRecyclable	R
Target Market	Target Market	targetMarketCountryCode	R
Functional Name	Functional Name	functionalName	R
Global Product Classification (GPC)	GPC Code	gpcCategoryCode	M
	GPC Description	gpcCategoryDefinition	R
GTIN of Next Higher Package Level	GTIN of Next Higher Package Level	parentGTIN	R
GTIN of Next Lower Package Level	Name of Next Lower Package Level	childGTIN	R
Number of Next Lower Level GTINs	Number of Next Lower Level GTINs	quantityOfChildren	C
Pack Size Text	Pack Size Text	shippingContainerQuantityDescription	R
Quantity of Next Lower Package Level	Unit Quantity	totalQuantityOfNextLowerLevelTradeItem	C
Quantity of Inner Packs	Unit Quantity	quantityOfInnerPack	C
Item in Inner Pack Quantity (No GTIN Assigned)	Item in Inner Pack Quantity (No GTIN Assigned)	quantityOfNextLevelTradeItemWithinInnerPack	C
Net Content with UoM	Net Content	netContent & UOM	C
Individual Unit Measures	Individual Unit Minimum	IndividualUnitMinimumSize & UOM	C
	Individual Unit Maximum	IndividualUnitMaximumSize & UOM	C

Nutrition:

Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
Allergen Relevant Data Provided	Allergen Relevant Data Provided	allergenRelevantDataProvided(AVP)	R	If provided value is Yes product passes Allergen audit
Allergens	Allergen Agency	allergenSpecificationAgency	C	M if any Allergens stated
Allergens	Allergen Regulation Name	allergenSpecificationName	C	M if any Allergens stated
Allergens	Milk	allergenTypeCode(AM) & levelOfContainmentCode	R	
	Eggs	allergenTypeCode(AE) & levelOfContainmentCode	R	
	Fish	allergenTypeCode(AF) & levelOfContainmentCode	R	
	Crustacean	allergenTypeCode(AC) & levelOfContainmentCode	R	
	Tree Nuts	allergenTypeCode(AN) & levelOfContainmentCode	R	
	Peanuts	allergenTypeCode(AP) & levelOfContainmentCode	R	
	Wheat	allergenTypeCode(UW) & levelOfContainmentCode	R	
	Corn	allergenTypeCode(NM) & levelOfContainmentCode	R	
	Sesame	allergenTypeCode(AS) & levelOfContainmentCode	R	
	Soy	allergenTypeCode(AY) & levelOfContainmentCode	R	
	Sulphite	allergenTypeCode(AU) & levelOfContainmentCode	R	
	Celery	allergenTypeCode(BC) & levelOfContainmentCode	R	
Mollusks	allergenTypeCode(UM) & levelOfContainmentCode	R		
Mustard	allergenTypeCode(BM) & levelOfContainmentCode	R		
Nutrition Fact Serving Size & UOM	Serving Size	servingSize & UOM	M	
Serving Size Text	Serving Size Description	servingSizeDescription	C	Mandatory when Number Of Servings Per Package is not present
	Basis Type Code	nutrientBasisQuantityTypeCode	M	Please provide nutrient data by Serving
	Basis Quantity	nutrientBasisQuantity & UOM	R	
Nutrition Fact Serving Size Weight	Serving Size Weight in Grams	servingSizeWeight	R	
Servings of the Trade Item Unit	Number Of Servings Per Package	numberOfServingsPerPackage	C	Mandatory when Serving Size Description is not present
Nutrient Database Number	USDA Nutrient Database #	foodBeverageCompositionDatabaseCode(USDA) & foodBeverageCompositionCod	R	If valid value is stated product passes Nutrition audit
Nutrient Label contents and measures	Preparation State	preparationStateCode	C	M if any Nutrients stated
Nutrient Relevant Data Provided	Nutrient Relevant Data Provided	nutrientRelevantDataProvided(AVP)	R	If provided value is Yes product passes Nutrients audit
Nutrient Value Derivation	Nutrient Value Derivation	nutrientValueDerivation	R	

Nutrient Label contents and measures	Ash (mg)	nutrientTypeCode(ASH) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Ash % RDI USA	nutrientTypeCode(ASH) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Biotin % RDI USA	nutrientTypeCode(BIOT) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Calcium % RDI USA	nutrientTypeCode(CA) & dailyValueIntakePercent	M	
Nutrient Label contents and measures	Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & UOM	M	
Nutrient Label contents and measures	Calories (Cal)	nutrientTypeCode(ENER-; ENERC) & quantityContained UOM	M	
Nutrient Label contents and measures	Calories from Fat (Cal)	nutrientTypeCode(ENERPF) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Carbohydrates	nutrientTypeCode(CHO-) & measurementPrecisionCode & quantityContained & UOM	M	
Nutrient Label contents and measures	Carbohydrates % RDI USA	nutrientTypeCode(CHO-) & dailyValueIntakePercent	M	
Nutrient Label contents and measures	Carbohydrates Other	nutrientTypeCode(CHOAVL) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Chloride % RDI USA	nutrientTypeCode(CLD) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Cholesterol % RDI USA	nutrientTypeCode(CHOL-) & dailyValueIntakePercent	M	
Nutrient Label contents and measures	Cholesterol (mg)	nutrientTypeCode(CHOL-) & measurementPrecisionCode & quantityContained & UOM	M	
Nutrient Label contents and measures	Choline	nutrientTypeCode(CHOLN) & measurementPrecisionCode & quantityContained & UOM	R	

Nutrient Label contents and measures	Copper % RDI USA	nutrientTypeCode(CU) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Chromium % RDI USA	nutrientTypeCode(CR) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Iron % RDI USA	nutrientTypeCode(FE) & dailyValueIntakePercent	M	
Nutrient Label contents and measures	Folate (mcg)	nutrientTypeCode(FOL-; FOL) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Iodine (mcg)	nutrientTypeCode(ID) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Iodine % RDI USA	nutrientTypeCode(ID) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Insoluble Fibre	nutrientTypeCode(FIBINS) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Insoluble Fibre % RDI USA	nutrientTypeCode(FIBINS) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Iron (mg)	nutrientTypeCode(FE; HAEM) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Magnesium % RDI USA	nutrientTypeCode(MG) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Manganese % RDI USA	nutrientTypeCode(MN) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Molybdenum % RDI USA	nutrientTypeCode(MO) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Monounsaturated Fat % RDI USA	nutrientTypeCode(FAMS) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Monounsaturated Fat	nutrientTypeCode(FAMS) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents	Niacin % RDI USA	nutrientTypeCode(NIA) & dailyValueIntakePercent	R	

and measures				
Nutrient Label contents and measures	Omega 3 Acids	nutrientTypeCode(FAPUN3) & measurementPrecisionCode & quantityContained & quantityContainedUoM	R	
Nutrient Label contents and measures	Omega 3 RDI USA	nutrientTypeCode(FAPUN3) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Pantothenic % RDI USA	nutrientTypeCode(PANTAC) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Phosphorous % RDI USA	nutrientTypeCode(P) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Phosphorous (mg)	nutrientTypeCode(P) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Polyunsaturated % RDI USA	nutrientTypeCode & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Polyunsaturated Fat	nutrientTypeCode & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Potassium % RDI USA	nutrientTypeCode(K) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Potassium (mg)	nutrientTypeCode(K) & measurementPrecisionCode & quantityContained & UOM	M	
Nutrient Label contents and measures	Protein	nutrientTypeCode(PRO-; PROA) & measurementPrecisionCode & quantityContained & UOM	M	
Nutrient Label contents and measures	Riboflavin % RDI USA	nutrientTypeCode(RIBF) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	RiboflavinB2 (mg)	nutrientTypeCode(RIBF) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Saturated Fat	nutrientTypeCode(FASAT) & measurementPrecisionCode & quantityContained & UOM	M	
Nutrient Label contents and measures	Saturated Fat % RDI USA	nutrientTypeCode(FASAT) & dailyValueIntakePercent	M	

Nutrient Label contents and measures	Selenium % RDI USA	nutrientTypeCode(SE) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Sodium % RDI USA	nutrientTypeCode(NA; NACL) & dailyValueIntakePercent	M	
Nutrient Label contents and measures	Sodium (mg)	nutrientTypeCode(NA; NACL) & measurementPrecisionCode & quantityContained & UOM	M	
Nutrient Label contents and measures	Soluble Fiber	nutrientTypeCode(FIBSOL) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Soluble Fiber % RDI USA	nutrientTypeCode(FIBSOL) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Thiamin % RDI USA	nutrientTypeCode(THIA) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Total Dietary Fiber	nutrientTypeCode(FIBTSW; FIB-; FIBTG) & measurementPrecisionCode & quantityContained & UOM	M	
Nutrient Label contents and measures	Total Dietary Fiber % RDI USA	nutrientTypeCode(FIBTSW; FIB-; FIBTG) & dailyValueIntakePercent	M	
Nutrient Label contents and measures	Total Fat	nutrientTypeCode(FAT; FATNLEA) & measurementPrecisionCode & quantityContained & UOM	M	
Nutrient Label contents and measures	Total Fat % RDI USA	nutrientTypeCode(FAT; FATNLEA) & dailyValueIntakePercent	M	
Nutrient Label contents and measures	Total Folate % RDI USA	nutrientTypeCode(FOL-; FOL) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Total Sugar % RDI USA	nutrientTypeCode(SUGAR-; SUGAR) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Total Sugar	nutrientTypeCode(SUGAR-; SUGAR) & measurementPrecisionCode & quantityContained & UOM	M	
Nutrient Label contents and measures	Added Sugar % RDI USA	nutrientTypeCode(SUGAD) & dailyValueIntakePercent	R	
Nutrient Label contents	Added Sugar	nutrientTypeCode(SUGAD) & measurementPrecisionCode & quantityContained & UOM	M	

and measures				
Nutrient Label contents and measures	Sugar Alcohol	nutrientTypeCode(POLYL) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Transfatty Acids	nutrientTypeCode(FATR) & measurementPrecisionCode & quantityContained & UOM	M	
Nutrient Label contents and measures	Vitamin A IU % RDI USA	nutrientTypeCode(VITA-) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Vitamin B12 % RDI USA	nutrientTypeCode(VITB12) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Vitamin B6 % RDI USA	nutrientTypeCode(VITB6-) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Vitamin C % RDI USA	nutrientTypeCode(VITC-) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Vitamin C (mg)	nutrientTypeCode(VITC-) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Vitamin D % RDI USA	nutrientTypeCode(VITD-) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Vitamin D (mcg)	nutrientTypeCode(VITD-) & measurementPrecisionCode & quantityContained & UOM	M	
Nutrient Label contents and measures	Vitamin E % RDI USA	nutrientTypeCode(VITE-) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Vitamin K % RDI USA	nutrientTypeCode(VITK) & measurementPrecisionCode & quantityContained & UOM	R	
Nutrient Label contents and measures	Zinc % RDI USA	nutrientTypeCode(ZN) & dailyValueIntakePercent	R	
Nutrient Label contents and measures	Zinc (mg)	nutrientTypeCode(ZN) & measurementPrecisionCode & quantityContained & UOM	R	
	Nutrition Claim	nutritionalClaim	R	
Child nutrition label	Child Nutrition Flag	nutritionLabelTypeCode (1)	M	

	Child Nutrition Certification #	regulatoryPermitIdentification & regulatoryAct & regulatoryAgency	R	
Links to websites, Images, Documents, Video, Audio Files	Child Nutrition Label/URL	childNutritionLabelDocument	R	
	Child Nutrition Equivalent	TBD	R	
Ingredients English (& Spanish optional)	Ingredients	ingredientStatement	M	
	Ingredient Sequence	ingredientSequence	R	
	Ingredient Name	ingredientName	R	
Drained Weight with UoM	Drained weight	drainedWeight & UOM	R	
Nutritional Claim	Probiotic	nutritionalClaimTypeCode(CONTAINS) & nutritionalClaimNutrientElementCode(PROBIOTICS)	R	
	Cholesterol Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(CHOLESTEROL)	R	
	Dairy Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(DAIRY)	R	
	Fat Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(FAT)	R	
	Lactose Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(LACTOSE)	R	
	Low Calorie	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(CALORIE)	R	
	Low Cholesterol	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(CHOLESTEROL)	R	
	Low Fat	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(FAT)	R	
	Low Sodium	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(SODIUM_OR_SALT))	R	
	No Sugar Added	nutritionalClaimTypeCode(NO_ADDED) & nutritionalClaimNutrientElementCode(SUGARS)	R	
	Reduced Fat	nutritionalClaimTypeCode(REduced_LESS) & nutritionalClaimNutrientElementCode(FAT)	R	
	Reduced Sodium	nutritionalClaimTypeCode(REduced_LESS) & nutritionalClaimNutrientElementCode(SODIUM_OR_SALT)	R	
	Sodium Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(SODIUM_OR_SALT)	R	
	Trans Fat Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(TRANS_FAT)	R	
	MSG Free	additiveName & levelOfContainmentCode	R	

Marketing:

Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication Food & Non-Food
Consumer Storage and Usage Information	Consumer Storage Information	consumerStorageInstructions	C
	Consumer Usage Information	consumerUsageInstructions	C
Preparation & Cooking Instructions	Preparation and Cooking Suggestions	preparationInstructions	R
	Preparation Type	preparationTypeCode	R
Serving Suggestions	Serving Suggestions	servingSuggestion	R
Expanded Description	Expanded Description	additionalTradeItemDescription	R
Marketing Information	Mfr Marketing Message	tradeItemMarketingMessage	C
Benefits	Benefits	tradeItemFeatureBenefit	C
For More Information (Contact Information)	Target Market Code	targetMarketCode	R
	Target Market Subdivision Code	targetMarketSubdivisionCode	R
	Contact Type	contactTypeCode	R
	Contact Code	communicationChannelCode	R
	For more information	communicationValue	R
Growing Method	Cage Free	growingMethodCode(CAGE_FREE)	R
	Farm Raised	growingMethodCode(FARM_RAISED)	R
	Free Range	growingMethodCode(FREE_RANGE)	R
	Grass Fed	growingMethodCode(GRASS_FED)	R
	Humanely Raised	growingMethodCode(HUMANELY_RAISED)	R
	GMO Level of Containment	geneticallyModifiedDeclarationCode	R
Product Activity Zone	Fish Catch Zone	productActivityTypeCode(CATCH_ZONE)	R
Packaging Marked Label Accreditation	Aquaculture Certification Council Certified	packagingMarkedLabelAccreditationCode(BEST_AQUACULTURE_PRACTICES)	R
	Certified Angus Beef (CAB)	packagingMarkedLabelAccreditationCode(CERTIFIED_ANGUS_BEEF)	R
	Fair Trade Certified	packagingMarkedLabelAccreditationCode(FAIR_TRADE_MARK)	R
	Green Restaurant Association Endorsed	packagingMarkedLabelAccreditationCode(GREEN_RESTAURANT_ASSOCIATION_ENDORSED)	R

	Marine Stewardship Council Certified	packagingMarkedLabelAccreditationCode(MARINE_STEWARDSHIP_COUNCIL_LABEL)	R
	Protected Harvest Certified	packagingMarkedLabelAccreditationCode(PROTECTED_HARVEST_CERTIFIED)	R
	Rainforest Alliance Certified	packagingMarkedLabelAccreditationCode(RAINFOREST_ALLIANCE)	R
	Is Trade Item packaging made from renewable resources	packagingRenewableContentTypeCode(RENEWABLE_CONTENT)	R
	Biodegradable	sustainabilityFeatureCode(BIODEGRADABLE)	R
	Is Product made from renewable resources	sustainabilityFeatureCode(MADE_FROM_RENEWABLE_MATERIAL)	R
	Food Alliance Certified	certificationAgency(FoodAllianceCertified) + certificationStandard + certificationValue	R
	Is Product Compostable	packagingRecyclingProcessType(COMPOSTABLE)	R
	No Added Synthetic Hormones	additiveName & levelOfContainmentCode	R
	rBST Free	additiveName & levelOfContainmentCode	R
	Antibiotic Free	additiveName & levelOfContainmentCode	R
	Real Seal (Dairy)	certificationAgency(RealSeal) + certificationStandard + certificationValue	R