



Key Food

GDSN Implementation Guide

Version 1.2
February, 2020

OVERVIEW

This document is intended for Suppliers who will be sending product data to Key Food through the GDSN and have subscribed to a GDSN Certified Data Pool **other than** Syndigo.

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

It is the supplier's responsibility to work with their chosen data pool service provider to ensure all publications are correctly submitted.

The following options are available to these Suppliers:

Option 1: GDSN – Provide all data attributes via GDSN

Option 2: GDSN Plus– Provide additional attributes to Syndigo directly

Syndigo – Contacts

For Suppliers who have an existing relationship with Syndigo, please contact your assigned Account Executive: Patrick Bain, patrick.bain@syndigo.com

1. For Suppliers who do not have an existing relationship with Syndigo please contact (855) 796-3446. Syndigo representatives can explain the options available and recommend the option which best suits your company's needs.

2. Key Food GLN Information

Key Food Production GLN: 0073296000009

Key Food Data Synchronization Environment

Data Pool: Syndigo

System: Syndigo Portal

Option 1 : Publishing to Key Food via the GDSN

Publications

1. Key Food requires their Suppliers to publish all products.
2. For the first Key Food publication Suppliers are to publish all products as “**Initial Load**”.

Implementation Overview

The following outlines the key steps to implementation:

Implementation Steps

1. Initiate the GDSN trading partner subscription request (**Non-Syndigo customers only**)
 - a. Please email clientservices@syndigo.com and provide:
Your Name:
Your Company Name:
Your Email Address:
Your Phone Number:
Your Country:
Are you a current FSEnet Customer?
Type of Request: New GDSN Subscription
Publishing Company Name:
Publishing Company GLN:
Approximate Product Count to Publish:
Recipient Company Name:
Recipient Company GLN (if available):
 - i. If you prefer to speak with someone at Syndigo directly to initiate the subscription process please contact (855) 796-3446.
 - b. Review the below list of required attributes in this implementation guide
 - c. Key Food will create a subscription based upon your GLN
 - i. Correctly submitted GDSN subscription requests will typically be processed within 1 to 2 business days
2. Prepare product data for Publication
3. For the first Key Food publication Suppliers are to publish all products as “**Initial Load**”
4. Watch for and review **CIC (Catalog Item Confirmation)** responses to confirm that Key Food successfully received your product publications
5. Investigate and respond to “**Review**” **CIC responses**. For questions or clarifications on CIC messages please work with your chosen data pool service provider
 - a. If you have spoken to your chosen data pool service provider and are unable to resolve an issue you may submit additional questions to Syndigo via the support form at <http://syndigo.com/support.html>
6. Ongoing publications to be sent with “**New**” or “**Update**” status
7. To inactivate a product publish with a status of “**Delete**”

Catalog Item Confirmations (CIC's)

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

GDSN Response Messages:

Accepted: Transmission received and can be processed.

Exception: Transmission received but contains XML or GDSN validation error - will not be processed.

CIC Messages:

Accepted: Product has been received and has passed Key Foods GDSN validations. This response will typically be sent within a few hours after receiving the publication.

Review: Product does not pass Key Food data validations. Reason(s) for Review status will be transmitted in CIC999. This response may follow an Accept message and may take several days to resolve.

Synchronized: Product has been published to Key Food and will be updated as revisions occur. This response will be sent after all validations and audits have been successfully completed.

Reject: Product has been removed from the Key Food catalog. The item is still visible to Key Foods as an Eligible product record with an Accepted CIC status (if passing audit) or Review CIC status (if failing audit). If required, item can be published to Syndigo as a delete following the Accepted or Review CIC status.

Option 2: GDSN Plus – Providing Additional Attributes to via the Syndigo Portal

If you would like to speak with Syndigo about value-added services or are unable to provide requested information please contact (855) 796-3446. They will walk you through the best service options to meet your specific needs.

Key Food Solutions Product Attributes

| Legend | | |
|--|--|------------------------|
| M = Mandatory Minimum subset of attributes that are required for Key Food to receive publication. | R = Additional attributes requested by Key Food Company to fulfill the complete data requirement. | C = Conditional |

Core:

| Attributes # | GDSN Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|--------------|--|------------------------------------|--|----------------------------------|-------|
| 1 | Company Name (Manufacturer) | Manufacturer GLN | manufacturerOfTradeItem/gln | M | |
| 2 | | Manufacturer | manufacturerOfTradeItem/partyName | M | |
| 3 | Company Name (Information Provider) | Information Provider GLN | informationProviderOfTradeItem/gln | M | |
| 4 | | Information Provider | informationProviderOfTradeItem/partyName | M | |
| 5 | Company Name (Brand Owner) | Brand Owner GLN | brandOwner/gln | M | |
| 6 | | Brand Owner | brandOwner/partyName | M | |
| 7 | Manufacturer Product Number | Product Code | additionalTradeItemIdentificationTypeCode(SUPPLIER_ASSIGNED) & additionalTradeItemIdentification | M | |
| 8 | GTIN | GTIN | GTIN | M | |
| 9 | Unit Descriptor | Product Type | tradeItemUnitDescriptorCode* | M | |
| 10 | Data Carrier and Barcode | Barcode Symbolody | dataCarrierTypeCode | R | |
| 11 | | Barcode Value Type | gs1TradeItemIdentificationKeyCode | R | |
| 12 | | Barcode | gs1TradeItemIdentificationKeyValue | R | |
| 13 | Brand Name | Brand Name | brandName | M | |
| 14 | Brand Name | Sub Brand | subBrand | R | |
| 15 | Private Label/Restricted Distribution | Brand Distribution Type | brandDistributionTypeCode | R | |
| 16 | | Brand Distribution Trade Item Type | brandDistributionTradeItemType(AVP) | R | |
| 17 | Functional Name | Functional Name | functionalName | R | |
| 18 | Manufacturer Short Product Description | English Product Name Short | descriptionShort | M | |
| 19 | Product Name | English Product Name Long | tradeItemDescription | R | |
| 20 | | Variant Description | variantDescription | R | |

* Each level is required in hierarchy if Current Lowest level is not a Variable Unit

Core Continued:

| Attributes # | GDSN Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|--------------|--|----------------------------------|--|----------------------------------|---|
| 21 | GTIN of Next Lower Package Level | Name of Next Lower Package Level | childGTIN | R | |
| 22 | Quantity of Next Lower Package Level | Unit Quantity | totalQuantityOfNextLowerLevelTradeltem | C | Use this for Unit Quantity if Lower Level Packaging exists and has GTIN |
| 22a | Quantity of Inner Packs | Unit Quantity | quantityOfInnerPack | C | Use this for Unit Quantity if Lower Level Packaging exists with no GTIN |
| 23 | Inner Pack Quantity (No GTIN Assigned) | # of Units / Inner | quantityOfNextLevelTradeltemWithinInnerPack | C | |
| 24 | Number of Next Lower Level GTINs | Number of Next Lower Level GTINs | quantityOfChildren | C | |
| 25 | Net Content with UoM | Net Content | netContent & measurementUnitCode | R | |
| 26 | Individual Unit Sizes | Individual Unit Minimum | individualUnitMinimumSize & measurementUnitCode | R | |
| 27 | | Individual Unit Maximum | individualUnitMaximumSize & measurementUnitCode | R | |
| 28 | Net Weight with UoM | Net Weight | netWeight & measurementUnitCode | R | |
| 29 | Gross Weight with UoM | Gross Weight | grossWeight & measurementUnitCode | R | |
| 30 | Drained Weight with UoM | Drained Weight | drainedWeight & measurementUnitCode | R | |
| 31 | Height with UoM | Height | height & measurementUnitCode | R | |
| 32 | Depth with UoM | Length | depth & measurementUnitCode | M | |
| 33 | Width with UoM | Width | width & measurementUnitCode | M | |
| 34 | Cube with UoM | Volume | inBoxCubeDimension & measurementUnitCode | R | Syndigo to calculate if blank or test if populated |
| 35 | Pallet Tie & High | Pallet High | quantityOfLayersPerPallet | R | |
| 36 | | Pallet Tie | quantityOfTradeltemsPerPalletLayer | R | |
| 37 | | Pallet GTIN High | quantityOfCompleteLayersContainedInATradeltem | R | |
| 38 | | Pallet GTIN Tie | quantityOfTradeltemsContainedInACompleteLayer | R | |
| 39 | | Total Pallet Quantity | quantityOfTradeltemsPerPallet | R | |
| 40 | Shelf Life | Shelf Life from Production | minimumTradeltemLifespanFromTimeOfProduction | R | |
| 41 | | Shelf Life from Arrival | minimumTradeltemLifespanFromTimeOfArrival | R | |
| 42 | Storage Temperatures | Storage Temp From | temperatureQualifierCode(STORAGE_HANDLING) & minimumTemperature & temperatureMeasurementUnitCode | R | |
| 43 | | Storage Temp To | temperatureQualifierCode(STORAGE_HANDLING) & maximumTemperature & temperatureMeasurementUnitCode | R | |

Core Continued:

| Attributes # | GDSN Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|--------------|--|-----------------------------------|---|----------------------------------|-------------------------------|
| 44 | Packaging Dates | Type of Date on Packaging | tradeItemDateOnPackagingTypeCode | R | |
| 45 | Target Market | Target Market | targetMarketCountryCode | M | |
| 46 | Country of Origin | Country Origin of Product | placeOfProductActivity/countryOfOrigin | M | Mandatory at the Lowest Level |
| 47 | Global Product Classification (GPC) | GPC Code | gpcCategoryCode | M | |
| 48 | | | gpcCategoryName | M | |
| 49 | Catch Weight | Catch/Random Weight | isTradeItemAVariableUnit | R | |
| 50 | Packaging Marking | Marked with Batch Number | hasBatchNumber | R | |
| 51 | | Is it marked as recyclable | isTradeItemMarkedAsRecyclable | R | |
| 52 | Is Trade Item Consumer Unit? | Is it a Consumer Unit | isTradeItemAConsumerUnit | M | |
| 53 | Is Trade Item Invoice Unit? | Is it a Invoice Unit | isTradeItemAnInvoiceUnit | M | |
| 54 | Is Trade Item Orderable? | Is trade Item Orderable | isTradeItemAnOrderableUnit | R | |
| 55 | Is Packaging marked as Returnable? | Is packaging marked as Returnable | isPackagingMarkedReturnable | M | |
| 56 | Is Item the Base Unit (Lowest Packaging Level) | Is it a Base Unit | isTradeItemABaseUnit | M | |
| 57 | Is Trade Item Shipping Unit? | Is trade item shipping unit | isTradeItemADespatchUnit | M | |
| 58 | Are non-sold items returnable? | Are non-sold items returnable | isNonSoldTradeItemReturnable | R | |
| 59 | | | isTradeItemAPromotionalUnit | R | |
| 60 | Delivery Purchasing Information | Start Availability Date | startAvailabilityDateTime | M | |
| 61 | | End Availability Date | endAvailabilityDateTime | R | |
| 62 | | First Order Date | firstOrderDateTime | M | |
| 63 | | First Ship Date | firstShipDateTime | R | |
| 64 | | Order Quantity Multiple | orderQuantityMultiple | R | |
| 65 | | Minimum Order Quantity | orderQuantityMinimum | R | |
| 66 | | Maximum Order Quantity | orderQuantityMaximum | R | |
| 67 | | Ordering Unit | orderingUnitOfMeasure | R | |
| 68 | | Order Sizing Factor | orderSizingFactor & measurementUnitCode | R | |

Core Continued:

| Attributes # | GDSN Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|--------------|--|------------------------------------|--|----------------------------------|---|
| 69 | Effective Date of Change | Product Effective Date | effectiveDateTime | M | |
| 70 | | Discontinued Date | discontinuedDateTime | R | |
| 71 | | Selling Unit | sellingUnitOfMeasure | R | |
| 72 | Packaging Information | Purchasing Pack Size Description | shippingContainerQuantityDescription | R | |
| 73 | | Packaging Type | packagingTypeCode | R | |
| 74 | | Material Code | packagingMaterialTypeCode | R | |
| 75 | Trade Item Contact Information | Trade Item Contact Information | tradeItemContactInformation/contactTypeCode & availableTime & contactAddress & contactDescription & contactName & gln | R | contactTypeCode is Mandatory if Contact Information is stated |
| 76 | | Communication Channel | communicationChannel/communicationChannelCode & communicationValue & communicationChannelName | R | |
| 77 | Kosher, Vegan, Halal, Gluten-free etc. | Diet Types | dietTypeCode | R | KOSHER;HALAL;VEGAN etc |
| 78 | | Diet Type Sub Code | dietTypeSubcode | R | |
| 79 | | Diet Certification | certificationAgency & certificationStandard & certificationValue & certificationIdentification & certificationEffectiveStartDateTime & certificationEffectiveEndDateTime | R | |
| 80 | | Import Classification Type & Value | importClassificationTypeCode & importClassificationValue | R | |
| 81 | | Coupon Family Code | couponFamilyCode | R | |

Marketing:

| Attributes # | GDSN Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|--------------|---|-------------------------------------|--|----------------------------------|-------|
| 1 | Consumer Instructions | Consumer Storage Information | consumerStorageInstructions | R | |
| 2 | | Consumer Usage Information | consumerUsageInstructions | R | |
| 3 | Preparation Serving | Preparation and Cooking Suggestions | preparationInstructions | R | |
| 4 | | Preparation Type | preparationTypeCode | R | |
| 5 | | Serving Suggestions | servingsuggestion | R | |
| 6 | Marketing Information | Benefits | tradeltemMarketingMessage | R | |
| 7 | Manufacturer Expanded Product Description | General Description | additionalTradeltemDescription | R | |
| 8 | Product Activity Details | Product Activity Details | productActivityTypeCode & productActivityRegionDescription | R | |
| 9 | Farming And Processing Information | Genetically Modified | geneticallyModifiedDeclarationCode | R | |
| 10 | | Cage Free | growingMethodCode(CAGE_FREE) | R | |
| 11 | | Cloned Foods | growingMethodCode(CLONED_FOODS) | R | |
| 12 | | Farm Raised | growingMethodCode(FARM_RAISED) | R | |
| 13 | | Free Range | growingMethodCode(FREE_RANGE) | R | |
| 14 | | Grass Fed | growingMethodCode(GRASS_FED) | R | |
| 15 | | Certified Humane | growingMethodCode(HUMANELY_RAISED) | R | |
| 16 | | Organic | growingMethodCode(ORGANIC) | R | |
| 17 | | Shade Grown | growingMethodCode(SHADE_GROWN) | R | |
| 18 | | Sustainable | growingMethodCode(SUSTAINABLE) | R | |
| 19 | | Wild | growingMethodCode(WILD) | R | |

Marketing Continued:

| Attributes # | GDSN Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|--------------|--|---|--|---|-------|
| 20 | Organic Claim | Organic Claim Agency | organicClaimAgencyCode | R | |
| 21 | | Organic Trade Item Code | organicTradeItemCode | R | |
| 22 | Packaging Marking/Packaging Marked Label Accreditation | Aquaculture Council Certification Certified | packagingMarkedLabelAccreditationCode(AQUACULTURE_STEWARDSHIP_COUNCIL) | R | |
| 23 | | Best Aquaculture Practices Certified | packagingMarkedLabelAccreditationCode(BEST_AQUACULTURE_PRACTICES) | R | |
| 24 | | Best Aquaculture Practices 2 Stars | packagingMarkedLabelAccreditationCode(BEST_AQUACULTURE_PRACTICES_2_STARS) | R | |
| 25 | | Best Aquaculture Practices 3 Stars | packagingMarkedLabelAccreditationCode(BEST_AQUACULTURE_PRACTICES_3_STARS) | R | |
| 26 | | Best Aquaculture Practices 4 Stars | packagingMarkedLabelAccreditationCode(BEST_AQUACULTURE_PRACTICES_4_STARS) | R | |
| 27 | | Certified Angus Beef (CAB) | packagingMarkedLabelAccreditationCode(CERTIFIED_ANGUS_BEEF) | R | |
| 28 | | Fair Trade Certified | packagingMarkedLabelAccreditationCode(FAIR_TRADE_MARK) | R | |
| 29 | | Food Alliance Certified | packagingMarkedLabelAccreditationCode(FOOD_ALLIANCE_CERTIFIED) | R | |
| 30 | | Is Packaging marked with Green Dot | packagingMarkedLabelAccreditationCode(GREEN_DOT) | R | |
| 31 | | Green Restaurant Association Endorsed | packagingMarkedLabelAccreditationCode(GREEN_RESTAURANT_ASSOCIATION_ENDORSED) | R | |
| 32 | | Green Seal Certified | packagingMarkedLabelAccreditationCode(GREEN_SEAL_CERTIFIED) | R | |
| 33 | | Marine Stewardship Council Certified | packagingMarkedLabelAccreditationCode(MARINE_STEWARDSHIP_COUNCIL_LABEL) | R | |
| 34 | | Protected Harvest Certified | packagingMarkedLabelAccreditationCode(PROTECTED_HARVEST_CERTIFIED) | R | |
| 35 | | Rainforest Alliance Certified | packagingMarkedLabelAccreditationCode(RAINFOREST_ALLIANCE) | R | |
| 36 | | Real California Milk | packagingMarkedLabelAccreditationCode(REAL_CALIFORNIA_MILK) | R | |
| 37 | | USDA Grade | packagingMarkedLabelAccreditationCode(USDA) | R | |
| 38 | | Sustainability Information | Biodegradable | tradeItemSustainabilityFeatureCode(BIODEGRADABLE) | R |
| 39 | Is Product made from renewable resources | | tradeItemSustainabilityFeatureCode(MADE_FROM_RENEWABLE_MATERIAL) | R | |
| 40 | | Seasonal Item | isTradeItemSeasonal | R | |

Nutrition:

| Attributes # | Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|--------------|------------------------------|-------------------------------------|--|----------------------------------|---|
| 1 | Serving Quantity Information | Number of Servings per Package | numberOfServingsPerPackage | R | |
| 2 | Nutrient Header | Preparation State | preparationStateCode | C | Mandatory for Food Products |
| 3 | Nutrient Header | Serving Size | servingSize & measurementUnitCode | C | Mandatory for Food Products |
| 4 | Nutrient Header | Serving Size Description | servingSizeDescription | R | |
| 5 | Nutrient Header | Basis Type Code | nutrientBasisQuantityTypeCode | R | |
| 6 | Nutrient Header | Basis Quantity | nutrientBasisQuantity & measurementUnitCode | R | |
| | | USDA Nutrient Database # | foodBeverageCompositionDatabaseCode(USDA) & foodBeverageCompositionCode | R | |
| 7 | Nutritional Information | Nutrient Relevant Data Provided | isNutrientRelevantDataProvided | R | If provided value is Yes product passes Nutrients audit |
| 8 | Nutritional Information | Nutrient Format Type Code Reference | nutrientFormatTypeCodeReference | R | If nutrientFormatTypeCode Reference code contains US_FDA_NFP_2020 New FDA Label Rules will be used |
| 9 | Nutrient Detail | Ash (mg) | nutrientTypeCode(ASH) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 10 | Nutrient Detail | Biotin % RDI USA | nutrientTypeCode(BIOT) & dailyValueIntakePercent | R | |
| 11 | Nutrient Detail | Calcium % RDI USA | nutrientTypeCode(CA) & dailyValueIntakePercent | C | Mandatory for Food Products |
| 12 | Nutrient Detail | Calcium (mg) | nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode | C | Mandatory for Food Products if Published accordingly to the New FDA Label |
| 13 | Nutrient Detail | Calories (Cal) | nutrientTypeCode(ENER-) & measurementPrecisionCode & quantityContained & measurementUnitCode | C | Mandatory for Food Products |
| 14 | Nutrient Detail | Calories from Fat (Cal) | nutrientTypeCode(ENERPF) & measurementPrecisionCode & quantityContained & measurementUnitCode | C | Mandatory for Food Products if Published accordingly to the Current FDA Label |
| 15 | Nutrient Detail | Carbohydrates | nutrientTypeCode(CHO-,CHOCDF) & measurementPrecisionCode & quantityContained & measurementUnitCode | C | Mandatory for Food Products |
| 16 | Nutrient Detail | Carbohydrates % RDI USA | nutrientTypeCode(CHO-,CHOCDF) & dailyValueIntakePercent | C | Mandatory for Food Products |
| 17 | Nutrient Detail | Cholesterol % RDI USA | nutrientTypeCode(CHOL-,CHOLC) & dailyValueIntakePercent | C | Mandatory for Food Products |
| 18 | Nutrient Detail | Cholesterol (mg) | nutrientTypeCode(CHOL-,CHOLC) & measurementPrecisionCode & quantityContained & measurementUnitCode | C | Mandatory for Food Products |

Nutrition Continued:

| Attributes # | Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|--------------|-----------------|-------------------------------|--|----------------------------------|---|
| 19 | Nutrient Detail | Copper % RDI USA | nutrientTypeCode(CU) & dailyValueIntakePercent | R | |
| 20 | Nutrient Detail | Folate (mcg) | nutrientTypeCode(FOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 21 | Nutrient Detail | Total Folate % RDI USA | nutrientTypeCode(FOL-) & dailyValueIntakePercent | R | |
| 22 | Nutrient Detail | Insoluble Fibre | nutrientTypeCode(FIBINS) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 23 | Nutrient Detail | Iodine % RDI USA | nutrientTypeCode(ID) & dailyValueIntakePercent | R | |
| 24 | Nutrient Detail | Iron % RDI USA | nutrientTypeCode(FE,HAEM) & dailyValueIntakePercent | C | Mandatory for Food Products |
| 25 | Nutrient Detail | Iron (mg) | nutrientTypeCode(FE,HAEM) & measurementPrecisionCode & quantityContained & measurementUnitCode | C | Mandatory for Food Products if Published accordingly to the New FDA Label |
| 26 | Nutrient Detail | Magnesium % RDI USA | nutrientTypeCode(MG) & dailyValueIntakePercent | R | |
| 27 | Nutrient Detail | Monounsaturated Fat | nutrientTypeCode(FAMS) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 28 | Nutrient Detail | Niacin % RDI USA | nutrientTypeCode(NIA) & dailyValueIntakePercent | R | |
| 29 | Nutrient Detail | Omega 3 Acids | nutrientTypeCode(FAPUN3) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 30 | Nutrient Detail | Omega 6 Acids | nutrientTypeCode(FAPUN6) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 31 | Nutrient Detail | Other Carbohydrates | nutrientTypeCode(CHOAVL) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 32 | Nutrient Detail | Other Carbohydrates % RDI USA | nutrientTypeCode(CHOAVL) & dailyValueIntakePercent | R | |
| 33 | Nutrient Detail | Pantothenic Acid | nutrientTypeCode(PANTAC) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 34 | Nutrient Detail | Phosphorous % RDI USA | nutrientTypeCode(P) & dailyValueIntakePercent | R | |
| 35 | Nutrient Detail | Phosphorous (mg) | nutrientTypeCode(P) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 36 | Nutrient Detail | Polyunsaturated Fat | nutrientTypeCode(FAPU) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 37 | Nutrient Detail | Potassium % RDI USA | nutrientTypeCode(K) & dailyValueIntakePercent | R | |
| 38 | Nutrient Detail | Potassium (mg) | nutrientTypeCode(K) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |

Nutrition Continued:

| Attributes # | Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|--------------|-----------------|-------------------------------|---|----------------------------------|---|
| 39 | Nutrient Detail | Protein (mg) | nutrientTypeCode(PRO-,PROA) & measurementPrecisionCode & quantityContained & mesurementUnitCode | C | Mandatory for Food Products |
| 40 | Nutrient Detail | Riboflavin % RDI USA | nutrientTypeCode(RIBF) & dailyValueIntakePercent | R | |
| 41 | Nutrient Detail | RiboflavinB2 (mg) | nutrientTypeCode(RIBF) & measurementPrecisionCode & quantityContained & mesurementUnitCode | R | |
| 42 | Nutrient Detail | Saturated Fat | nutrientTypeCode(FASAT) & measurementPrecisionCode & quantityContained & mesurementUnitCode | C | Mandatory for Food Products |
| 43 | Nutrient Detail | Saturated Fat % RDI USA | nutrientTypeCode(FASAT) & dailyValueIntakePercent | C | Mandatory for Food Products |
| 44 | Nutrient Detail | Sodium % RDI USA | nutrientTypeCode(NA,NACL) & dailyValueIntakePercent | C | Mandatory for Food Products |
| 45 | Nutrient Detail | Sodium (mg) | nutrientTypeCode(NA,NACL) & measurementPrecisionCode & quantityContained & mesurementUnitCode | C | Mandatory for Food Products |
| 46 | Nutrient Detail | Thiamin % RDI USA | nutrientTypeCode(THIA) & dailyValueIntakePercent | R | |
| 47 | Nutrient Detail | Total Dietary Fiber | nutrientTypeCode(FIBTG,FIBTSW,FIB-) & measurementPrecisionCode & quantityContained & mesurementUnitCode | C | Mandatory for Food Products |
| 48 | Nutrient Detail | Total Dietary Fiber % RDI USA | nutrientTypeCode(FIBTG,FIBTSW,FIB-) & dailyValueIntakePercent | C | Mandatory for Food Products |
| 49 | Nutrient Detail | Total Fat | nutrientTypeCode(FATNLEA,FAT) & measurementPrecisionCode & quantityContained & mesurementUnitCode | C | Mandatory for Food Products |
| 50 | Nutrient Detail | Total Fat % RDI USA | nutrientTypeCode(FATNLEA,FAT) & dailyValueIntakePercent | C | Mandatory for Food Products |
| 51 | Nutrient Detail | Total Sugar | nutrientTypeCode(SUGAR-,SUGAR) & measurementPrecisionCode & quantityContained & mesurementUnitCode | C | Mandatory for Food Products |
| 52 | Nutrient Detail | Added Sugar | nutrientTypeCode(SUGAR-,SUGAR) & measurementPrecisionCode & quantityContained & mesurementUnitCode | C | Mandatory for Food Products if Published accordingly to the New FDA Label |
| 53 | Nutrient Detail | Added Sugar % RDI USA | nutrientTypeCode(SUGAD) & dailyValueIntakePercent | C | Mandatory for Food Products if Published accordingly to the New FDA Label |
| 54 | Nutrient Detail | Transfatty Acids | nutrientTypeCode(FATRNL) & measurementPrecisionCode & quantityContained & mesurementUnitCode | C | Mandatory for Food Products |
| 55 | Nutrient Detail | Vitamin A IU % RDI USA | nutrientTypeCode(VITA-) & dailyValueIntakePercent | C | Mandatory for Food Products if Published accordingly to the Current FDA Label |
| 56 | Nutrient Detail | Vitamin B12 % RDI USA | nutrientTypeCode(VITB12) & dailyValueIntakePercent | R | |
| 57 | Nutrient Detail | Vitamin B6 % RDI USA | nutrientTypeCode(VITB6-) & dailyValueIntakePercent | R | |

Nutrition Continued:

| Attributes # | Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|--------------|--------------------------|--------------------------------|---|----------------------------------|---|
| 58 | Nutrient Detail | Vitamin C % RDI USA | nutrientTypeCode(VITC-) & dailyValueIntakePercent | C | Mandatory for Food Products if Published accordingly to the Current FDA Label |
| 59 | Nutrient Detail | Vitamin C (mg) | nutrientTypeCode(VITC-) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 60 | Nutrient Detail | Vitamin D % RDI USA | nutrientTypeCode(VITD-) & dailyValueIntakePercent | C | Mandatory for Food Products if Published accordingly to the New FDA Label |
| 61 | Nutrient Detail | Vitamin D (mcg) | nutrientTypeCode(VITD-) & measurementPrecisionCode & quantityContained & measurementUnitCode | C | Mandatory for Food Products if Published accordingly to the New FDA Label |
| 62 | Nutrient Detail | Vitamin E % RDI USA | nutrientTypeCode(VITE-) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 63 | Nutrient Detail | Vitamin K % RDI USA | nutrientTypeCode(VITK) & measurementPrecisionCode & quantityContained & measurementUnitCode | C | Mandatory for Food Products if Published accordingly to the New FDA Label |
| 64 | Nutrient Detail | Vitamin K (mg) | nutrientTypeCode(VITK) & measurementPrecisionCode & quantityContained & measurementUnitCode | C | Mandatory for Food Products if Published accordingly to the New FDA Label |
| 65 | Nutrient Detail | Zinc % RDI USA | nutrientTypeCode(ZN) & dailyValueIntakePercent | R | |
| 66 | Nutrient Detail | Zinc (mg) | nutrientTypeCode(ZN) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 67 | Nutrient Detail | Nutrient Value Derivation Code | nutrientValueDerivationCode | R | |
| 68 | Food&Beverage/Ingredient | Ingredients | ingredientStatement | C | Mandatory for Food Products |
| 69 | | Ingredients Sequence | ingredientSequence & ingredientName & ingredientContentPercentage | R | |
| 70 | Child nutrition label | Child Nutrition Flag | doesTradeItemCarryUSDAChildNutritionLabel(AVP) & nutritionLabelTypeCode (1) | R | |
| 71 | | Child Nutrition Label | childNutritionProductIdentification & childNutritionExpirationDateTime & childNutritionLabelStatement & childNutritionQualifierCode & childNutritionQualifiedValue & childNutritionValue & referencedFileTypeCode(CHILD_NUTRITION_LABEL) & uniformResourceIdentifier & fileFormatName & fileName & fileEffectiveStartDateTime | R | |

Nutrition Continued:

| Attributes # | Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|--------------|------------------------------|---------------------------------|--|----------------------------------|--|
| 72 | Allergen Related Information | Allergen Relevant Data Provided | isAllergenRelevantDataProvided | R | |
| 73 | Allergen | Allergen Agency | allergenSpecificationAgency | C | Mandatory if Allergen is stated |
| 74 | | Allergen Regulation Name | allergenSpecificationName | C | Mandatory if Allergen is stated |
| 75 | | Crustacean | allergenTypeCode (AC) & levelOfContainmentCode | R | |
| 76 | | Shellfish | allergenTypeCode (UN) & levelOfContainmentCode | R | |
| 77 | | Eggs | allergenTypeCode(AE) & levelOfContainmentCode | R | |
| 78 | | Fish | allergenTypeCode(AF) & levelOfContainmentCode | R | |
| 79 | | Milk | allergenTypeCode(AM) & levelOfContainmentCode | R | |
| 80 | | Tree Nuts | allergenTypeCode(AN) & levelOfContainmentCode | R | |
| 81 | | Wheat | allergenTypeCode(UW) & levelOfContainmentCode | R | |
| 82 | | Soy | allergenTypeCode(AY) & levelOfContainmentCode | R | |
| 83 | | Peanuts | allergenTypeCode(AP) & levelOfContainmentCode | R | |
| 84 | | Sulphur Dioxide | allergenTypeCode(AU) & levelOfContainmentCode | R | |
| 85 | Nutritional Claim | Nutrituion Claim Description | nutritionalClaim | R | |
| 86 | | Nutritional Claim Detail | nutritionalClaimTypeCode & nutritionalClaimNutrientElementCode | R | Examples of claims: LOW & FAT; REDUCED_LESS & CALORIE; FREE_FROM & CHOLESTEROL; NO_ADDED & PRESERVATIVES; FREE_FROM & MSG |

Hazmat:

| Attributes # | Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|--------------|---------------------------------|----------------------|-----------------------------------|----------------------------------|-------|
| 1 | Dangerous Substance Information | Is Hazmat | isDangerousSubstance | R | |
| 2 | Safety Data Sheet info | Hazmat MSDS No | sDSSheetNumber | R | |
| 3 | Hazardous Information Detail | Hazmat UN Number | unitedNationsDangerousGoodsNumber | R | |
| 4 | | Hazmat Package Group | dangerousGoodsPackingGroup | R | |
| 5 | | Hazmat Class | classOfDangerousGoods | R | |
| 6 | | Hazmat Chemical | dangerousGoodsTechnicalName | R | |

Liquor:

| Attributes # | Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|--------------|-------------|---------------------------------|-----------------------------|----------------------------------|-------|
| 1 | | Percentage of Alcohol by Volume | percentageOfAlcoholByVolume | R | |
| 2 | | Alcohol Proof | alcoholProof | R | |
| 3 | | Vintage Note | vintage | R | |

Note: Key Food would also like to receive any images you can provide for your products.