



**Sysco**

# **GDSN Data Synchronization Implementation Guide**

**Revised: May 2021**

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## **Overview**

Sysco implemented GS1 Global Data Synchronization Network (GDSN) to receive accurate, complete, and timely product content from its supplier partners. Sysco requires suppliers to utilize the GS1 GDSN as the primary method to send their product content. This document is intended to assist suppliers in understanding the attribute requirements and steps to synchronize their product content with Sysco via the GDSN. Sysco requires suppliers to publish all the Foodservice GS1 GDSN Attributes as referenced in the link in section 3.3. For synchronizing product content with Sysco via the GDSN, suppliers will need to subscribe to a GDSN certified data pool.



## **Sysco Data Synchronization Information**

### **GDSN / Data Synchronization Contacts**

**Name: SBS Data Services**

**Email: GDSN@sysco.com**

**Data Pool Provider: iTrade Network, Inc.**

### **Sysco GLN Information**

Sysco Production GLN – 0074865000000

## **Implementation Overview**

1. Have your complete and accurate item data loaded into your home data pool and ensure it is ready for publication
  - a. Contact your data pool for any education you might require to complete this step
2. Understand Sysco Attribute Requirements
  - a. Sysco attribute requirements are provided within this document
  - b. Sysco requires all GS1 foodservice attributes including supply chain, marketing information, nutritional and allergen information, and images
3. Initiate the GDSN trading partner relationship
  - a. Visit <https://info.itradenetwork.com/sysco-data-synchronization> to initiate
4. Items should be published to Sysco as described below:
  - a. Publish all products Sysco currently purchases from you
  - b. Publish all items that you sell to the Foodservice sector and would like Sysco to purchase in the future
5. Data will be published as Initial Load or New based on details below:
  - a. Initial Load - These would be products that Sysco already purchases from you today and all items that you sell in the foodservice channel but do not currently sell to Sysco but would like Sysco to purchase in the future.
  - b. New - Publish items that you sell in the foodservice channel but do not currently sell to Sysco but would like Sysco to purchase in the future. Also, as retired



GTINs can be recycled after 4 years for use with a different product and then posted as new, this should be a complete replacement of what was there before. This new item supersedes any data you may have historically for that product.

6. Use the below guide to take further action after your publication

### **Implementation Overview (continued)**

As Sysco receives each item, you will receive a CIC “ACCEPT” response. Once you receive this response, no further action for that item is needed on your part. Later, if/when Sysco reviews and synchronizes your item, you will receive a CIC “REVIEW”, “SYNCHRONIZED”, OR “REJECT” response as appropriate. If you should receive a “REVIEW” response, please respond to the associated message by correcting the specified data or contacting Sysco for clarification. If an item is in “Accept” or “Synchronized” status, a “Review” CIC may be sent after the initial CIC if a data quality or data value is determined to need reviewed.

- **Accept:** Item information has been received by Sysco’s Data Pool and is ready for review, but no business decision has been made about that data.
- **Review:** Item information did not pass Sysco’s internal validations or audits. Please review the message that is contained within the CIC message, address the data discrepancies and republish the item.
- **Synchronized:** Item information has passed Sysco’s internal validations and audits. The item has been synchronized.
- **Rejected:** Sysco does not need to synchronize the item currently. This message status means that your GDSN Data Pool has been instructed not to deliver any more updates for this item to Sysco.



## **Images Requirements**

Sysco requires a minimum of 4 core and 1 Lifestyle High Resolution images. **NOTE:** All images should utilize GS1 approved file naming conventions.

### **4 Core Image Requirements**

- Out of Packaging / Raw or Uncooked
- In Packaging
- Innerpack / Open Case
- Case

### **1 Lifestyle Image Requirement**

- Food Items: Styled, Staged, Prepared, Plated, Family, or Held
- Non-Food Items: Staged, Family, Used, Worn, or Held

All core item images should be on a solid white surface and background. Images including logos, branding or marketing information are not accepted. Sauce or liquid items should be in an appropriate white/clear vessel. Fresh meats should be raw to show marbling, fat content, bone out, etc.

## **Image Specifications**

- Color Mode should be RGB, not CMYK
- Minimum image dimensions are 900 x 900 (No Thumbnails)
- Minimum resolution is 300 ppi.
- Preferred maximum size is 8MB.
- Preferred Image format – JPEG/JPG or PNG (no PSD, TIFF, PDF, etc.)

1. **Out of Packaging/Raw or Uncooked.** 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

**2. In 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
- A = **In Packaging** (as it would appear inside its packaging inside the case)

**4. Innerpack/Open Case.** Photo of the innerpack or opened case showing the secondary packaging inside

Case = GTIN\_C1CM Open Case = GTIN\_C1CA

- C = Single Shot; Single Product (Hi-Resolution)
- 1 = Facing Indicator of Front
- C = Angle Identifier of Center
- B = Inner Pack (a shot of the product as it would appear inside its packaging inside the case) or M = open case (as it would look when an operator receives the product and opens the case)

**3. Lifestyle.** For food items: a styled, staged, prepared, plated, family or held shot of the product for food items. For non-food items: a staged, family, used, worn, or held shot of the product.

Lifestyle = GTIN\_C1CD (E,F,G,H,J,K,L)

- C = Single Shot; Single Product (Hi-Resolution)
- 1 = Facing Indicator of Front
- C = Angle Identifier of Center
  
- D = Prepared
- E = Plated
- F = Styled
- G = Staged
- H = Held



- J = Worn
- K = Used
- L = Family

## **Images Requirements:** (continued)

### 5. **Case.** Photo of the unopened case

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 look when an operator receives the product)

Sysco follows the recommendations of the GS1 US Foodservice Initiative. [GS1 US Foodservice GDSN Product Images Application Guideline](#)

## **Required Sysco Attributes List:**

<b>Legend</b>		
<b>M= Subset of attributes required by Sysco to process your publication.</b>	<b>R= Additional attributes requested by Sysco</b>	<b>C= Conditional</b>

## **Core:**

GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for publication	Notes
Company Name (Information Provider)	Information Provider GLN	partyRoleCode(INFORMATION_PROVIDER) & gln	<b>M</b>	
	Information Provider	partyRoleCode(INFORMATION_PROVIDER) & partyName	<b>M</b>	
Company Name(Manufacturer)	Manufacturer GLN	partyRoleCode(MANUFACTURER_OF_GOODS) & gln	<b>M</b>	
	Manufacturer	partyRoleCode(MANUFACTURER_OF_GOODS) & partyName	<b>M</b>	



GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication	Notes
Company Name (Brand Owner)	Brand Owner	partyRoleCode(BRAND_OWNER) & gln	<b>M</b>	
	Brand Name	partyRoleCode(BRAND_OWNER) & partyName	<b>M</b>	
Barcode	Barcode Value Type	gs1TradeltemIdentificationKeyCode	<b>M</b>	
	Barcode	gs1TradeltemIdentificationKeyValue	<b>M</b>	
GTIN	GTIN	GTIN	<b>M</b>	
Long Description	Product Description	productDescription	<b>M</b>	No abbreviations
Unit Descriptor	Product Type	tradeltemUnitDescriptorCode	<b>M</b>	
Brand Name	Brand Name	brandName	<b>M</b>	
Manufacturer Product Number	Product Code	additionalTradeltemIdentificationTypeCode(SUPPLIER_ASSIGNED) & additionalTradeltemIdentification	<b>M</b>	
Manufacturer Short Product Description	English Product Name Short	descriptionShort	<b>M</b>	
Private Label	Brand Distribution Type	brandDistributionTypeCode	<b>R</b>	
GTIN of Next Lower Package Level	Name of Next Lower Package Level	childGTIN	<b>C</b>	
Quantity of Next Lower Package Level	Unit Quantity	totalQuantityOfNextLowerLevelTradeltem	<b>C</b>	Use this for Unit Quantity if Lower Level Packaging exists and has GTIN
Quantity of Inner Packs	Unit Quantity	quantityOfInnerPack	<b>C</b>	Use this for Unit Quantity if Lower Level Packaging exists with no GTIN
Inner Pack Quantity (No GTIN Assigned)	# of Units / Inner	quantityOfNextLevelTradeltemWithinInnerPack	<b>C</b>	
Net Content with UoM	Net Content	netContent & UOM	<b>M</b>	Each level is mandatory



GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication	Notes
Pack Size Text	Purchasing Pack Size Description	shippingContainerQuantityDescription	R	
Gross Weight with UoM	Gross Weight	grossWeight & UoM	M	
Net Weight with UoM	Net Weight	netWeight & UoM	M	
Individual Unit Measures	Individual Unit Minimum	individualUnitMinimumSize & UOM	C	
	Individual Unit Maximum	individualUnitMaximumSize & UOM	C	
Drained Weight with UoM	Drained weight	drainedWeight & UOM	R	
Height with UoM	Height	height & UoM	M	
Depth with UoM	Depth	depth & UOM	M	
Width with UoM	Width	width & 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	quantityOfTradelItemsPerPalletLayer	M	
Catch Weight	Catch/Random Weight	isTradelItemAVariableUnit	M	
Storage Temperature Max and Min with UoM	Storage Temp From	temperatureQualifierCode(STORAGE_HANDLING) & minimumTemperature & UOM	R	
	Storage Temp To	temperatureQualifierCode(STORAGE_HANDLING) & maximumTemperature & UOM	R	
Shelf Life from Production	Shelf Life	minimumTradelItemLifespanFromTimeOfProduction	M	
Shelf Life from Arrival	Shelf Life from Arrival	minimumTradelItemLifespanFromTimeOfArrival	R	





GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication	Notes
Target Market	Target Market	targetMarketCountryCode	<b>M</b>	
Global Product Classification (GPC)	GPC Code	gpcCategorCode	<b>M</b>	
Are non-sold items returnable?	Are non-sold items returnable	isNonSoldTradeItemReturnable	<b>R</b>	
Is the Item marked with a Batch/Lot Number?	Marked with Batch Number	hasBatchNumber	<b>R</b>	
Is Trade Item Consumer Unit?	Is it a Consumer Unit	isTradeItemAConsumerUnit	<b>M</b>	
Is Trade Item Invoice Unit?	Is it a Invoice Unit	isTradeItemAnInvoiceUnit	<b>M</b>	
Is Trade Item Orderable?	Is trade Item Orderable	isTradeItemAnOrderableUnit	<b>R</b>	
Is Packaging marked as Returnable?	Is packaging marked as Returnable	isPackagingMarkedReturnable	<b>R</b>	
Is the item marked as recyclable?	Is it marked as recyclable?	isTradeItemMarkedAsRecyclable	<b>R</b>	
Is Item the Base Unit (Lowest Packaging Level)	Is it a Base Unit	isTradeItemABaseUnit	<b>M</b>	
Is Trade Item Shipping Unit?	Is trade item shipping unit	isTradeItemADespatchUnit	<b>M</b>	
Product Yield		productYield	<b>R</b>	
Product Yield		productYieldTypeCode	<b>R</b>	
Product Yield		productYieldVariationPercentage	<b>R</b>	
Catch Weight	Catch/Random Weight	isTradeItemAVariableUnit	<b>M</b>	
Country of Origin	Country Origin of Product	tradeItemCountryOfOrigin	<b>M</b>	



GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication	
Diet Type Code	Diet Type: FREE_FROM_GLUTEN	dietTypeCode(FREE_FROM_GLUTEN)	<b>M</b>	
	Diet Type: HALAL	dietTypeCode(HALAL)	<b>M</b>	
	Diet Type: KOSHER	dietTypeCode(KOSHER)	<b>M</b>	
	Diet Type: VEGAN	dietTypeCode(VEGAN)	<b>M</b>	
Effective Date of Change	Product Effective Date	effectiveDateTime	<b>R</b>	

### Marketing:

GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication
Consumer Storage and Usage Information	Consumer Storage Information	consumerStorageInstructions	<b>M</b>
	Consumer Usage Information	consumerUsageInstructions	<b>M</b>
Preparation & Cooking Instructions	Preparation and Cooking Suggestions	preparationInstructions	<b>M</b>
Preparation & Cooking Instructions	Preparation Type	preparationTypeCode	<b>C</b>
Marketing Message	Marketing Message	tradeItemMarketingMessage	<b>M</b>
Features and Benefits Extended	Features and Benefits	tradeItemFeatureBenefitExtended	<b>M</b>
Trade Item Key Words	Trade Item Key Words	tradeItemKeyWords	<b>R</b>



GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication
Manufacturer Expanded Product Description	Extended Description	additionalTradeItemDescription	R
For More Information (Contact Information)	For more information	communicationValue	R
	Seasonal Item	isTradeItemSeasonal	R
	Hazmat Class	classOfDangerousGoods	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



GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication
	Hazmat Chemical	dangerousGoodsTechnicalName	C
	Hazmat Emergency Phone Number		C
	Hazmat Image	uniformResourceIdentifier & typeOfInformation & fileName & filename & fileEffectiveStartDateTime	C
	Hazmat Manifest Code		C
	Hazmat Packing Group	dangerousGoodsPackingGroup	C
	Hazmat UN Number	unitedNationsDangerousGoodsNumber	C
Serving Suggestions	Serving Suggestions	servingSuggestion	R
	Is Product Compostable	packagingRecyclingProcessType(COMPOSTABLE)	R



GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication
Packaging Marked Label Accreditation	Aquaculture Certification Council Certified	packagingMarkedLabelAccreditationCode(BEST_AQUACULTURE_PRACTICES)	R
	Real California Milk	certificationAgency(RealCaliforniaMilk) + certificationStandard + certificationValue	R
	Real Seal (Dairy)	certificationAgency(RealSeal) + certificationStandard + certificationValue	R
	Antibiotic Free	additiveName & levelOfContainmentCode	R
	Contains Gelatin	additiveName & levelOfContainmentCode	R
	Food Alliance Certified	certificationAgency(FoodAllianceCertified) + certificationStandard + certificationValue	R
	No Added Synthetic Hormones	additiveName & levelOfContainmentCode	R
	Genetically Modified	geneticallyModifiedDeclarationCode	R



GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication
Packaging Marked Label Accreditation	Fair Trade Certified	packagingMarkedLabelAccreditationCode(FAIR_TRADE_MARK)	R
	Packaging is marked with Green Dot	packagingMarkedLabelAccreditationCode(GREEN_DOT)	R
	Green Restaurant Association Endorsed	packagingMarkedLabelAccreditationCode(GREEN_RESTAURANT_ASSOCIATION_ENDORSED)	R
	Green Seal Certified	packagingMarkedLabelAccreditationCode(GREEN_SEAL_CERTIFIED)	R
Growing Method	Cage Free	growingMethodCode(CAGE_FREE)	R
	Free Range	growingMethodCode(FREE_RANGE)	R
	Grass Fed	growingMethodCode(GRASS_FED)	R
	Humanely Raised	growingMethodCode(HUMANELY_RAISED)	R



## Nutrition:

GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication	Notes
Servings of the Trade Item Unit	Number of Servings per Package	numberOfServingsPerPackage	M	
Nutrient Label contents and measures	Preparation State	preparationStateCode	M	
Nutrition Fact Serving Size & UOM	Serving Size	servingSize & UOM	M	
Serving Size Text	Serving Size Description	servingSizeDescription	M	
Nutrient Basis Quantity Code	Nutrient Basis Code	NutrientBasisQuantityCode	R	
Nutrient Basis quantity	Basis Quantity	NutrientBasisQuantity & UOM	R	
Nutrition Fact Serving Size Weight	Serving Size Weight in Grams	servingSizeWeight	R	
Ingredients English	Ingredients	ingredientStatement	M	
Child nutrition label	Child Nutrition Flag	tradeItem/tradeItemInformation/extension/healthRelatedInformationModule/healthRelatedInformation/nutritionalLabelTypeCode = 1	R	Populate if 'yes'; a blank will be an assumption of 'No'
Links to websites, Images, Documents, Video, Audio Files	Child Nutrition Label/URL	uniformResourceIdentifier & typeOfInformation & fileFormatName & fileName & fileEffectiveStartDateTime	C	



Child nutrition label	Child Nutrition expiration date	childNutritionExpirationDateTime	C	
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GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication
Nutrient Database Number	USDA Nutrient Database #	foodBeverageCompositionDatabaseCode(USDA) & foodBeverageCompositionCode	R
Nutrient Relevant Data Provided	Nutrient Relevant Data Provided	tradeltem/tradeltemInformation/extension/nutritionalInformationModule /isNutrientRelevantDataProvided	R
Nutrient Label contents and measures	Added Sugar	nutrientTypeCode(SUGAD) & measurementPrecisionCode & quantityContained & UOM	R
Nutrient Label contents and measures	Added Sugar DV	nutrientTypeCode(SUGAD) & dailyValueIntakePercent	M
Nutrient Label contents and measures	Ash (gram)	nutrientTypeCode(ASH) & measurementPrecisionCode & quantityContained & UOM	R
Nutrient Label contents and measures	Biotin DV RDI USA	nutrientTypeCode(BIOT) & dailyValueIntakePercent	R
Nutrient Label contents and measures	Calcium DV 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	nutrientTypeCode(ENER-) & measurementPrecisionCode & quantityContained & UOM	M





Nutrient Label contents and measures	Calories from Fat	nutrientTypeCode(ENERPF) & measurementPrecisionCode & quantityContained & UOM	R
GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication
Nutrient Label contents and measures	Carbohydrates	nutrientTypeCode(CHO-) & measurementPrecisionCode & quantityContained &	M
Nutrient Label contents and measures	Carbohydrates DV RDI USA	nutrientTypeCode(CHO-) & dailyValueIntakePercent	M
Nutrient Label contents and measures	Cholesterol DV RDI USA	nutrientTypeCode(CHOL-) & dailyValueIntakePercent	M
Nutrient Label contents and measures	Cholesterol (mg)	nutrientTypeCode(CHOL-) & measurementPrecisionCode & quantityContained & UOM	M
Nutrient Label contents and measures	Copper DV RDI USA	nutrientTypeCode(CU) & dailyValueIntakePercent	R
Nutrient Label contents and measures	Folate (mcg)	nutrientTypeCode(FOL-) & measurementPrecisionCode & quantityContained & UOM	R
Nutrient Label contents and measures	Total Folate DV RDI USA	nutrientTypeCode(FOL-) & dailyValueIntakePercent	R
Nutrient Label contents and measures	Insoluble Fibre	nutrientTypeCode(FIBINS) & measurementPrecisionCode & quantityContained & UOM	R
Nutrient Label contents and measures	Iodine DV RDI USA	nutrientTypeCode(ID) & dailyValueIntakePercent	R
Nutrient Label contents and measures	Iron DV RDI USA	nutrientTypeCode(FE) & dailyValueIntakePercent	M



Nutrient Label contents and measures	Iron (mg)	nutrientTypeCode(FE) & measurementPrecisionCode & quantityContained & UOM	<b>M</b>
<b>GDSN Common Name</b>	<b>Unique Field Name</b>	<b>Global Data Dictionary Tag</b>	<b>Minimum Required for Publication</b>
Nutrient Label contents and measures	Magnesium DV RDI USA	nutrientTypeCode(MG) & dailyValueIntakePercent	<b>R</b>
Nutrient Label contents and measures	Monounsaturated Fat (gm)	nutrientTypeCode(FAMS) & measurementPrecisionCode & quantityContained & UOM	<b>R</b>
Nutrient Label contents and measures	Niacin DV RDI USA	nutrientTypeCode(NIA) & dailyValueIntakePercent	<b>R</b>
Nutrient Label contents and measures	Omega 3 Acids	nutrientTypeCode(FAPUN3) & measurementPrecisionCode & quantityContained & UOM	<b>R</b>
Nutrient Label contents and measures	Omega 6 Acids	nutrientTypeCode(FAPUN6) & measurementPrecisionCode & quantityContained & UOM	<b>R</b>
Nutrient Label contents and measures	Other Carbohydrates	nutrientTypeCode(CHOAVL) & measurementPrecisionCode & quantityContained & UOM	<b>R</b>
Nutrient Label contents and measures	Other Carbohydrates DV RDI USA	nutrientTypeCode(CHOAVL) & dailyValueIntakePercent	<b>R</b>
Nutrient Label contents and measures	Pantothenic Acid DV (USA)	nutrientTypeCode(PANTAC) & dailyValueIntakePercent	<b>R</b>
Nutrient Label contents and measures	Phosphorous DV RDI USA	nutrientTypeCode(P) & dailyValueIntakePercent	<b>R</b>



Nutrient Label contents and measures	Polyunsaturated Fat (gm)	nutrientTypeCode(FAPU) & measurementPrecisionCode & quantityContained & UOM	R
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GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication
Nutrient Label contents and measures	Potassium DV RDI USA	nutrientTypeCode(K) & dailyValueIntakePercent	M
Nutrient Label contents and measures	Potassium (mg)	nutrientTypeCode(K) & measurementPrecisionCode & quantityContained & UOM	M
Nutrient Label contents and measures	Protein (gm)	nutrientTypeCode(PRO-) & measurementPrecisionCode & quantityContained & UOM	M
Nutrient Label contents and measures	Riboflavin DV RDI USA	nutrientTypeCode(RIBF) & dailyValueIntakePercent	R
Nutrient Label contents and measures	Saturated Fat (gm)	nutrientTypeCode(FASAT) & measurementPrecisionCode & quantityContained & UOM	M
Nutrient Label contents and measures	Saturated Fat DV RDI USA	nutrientTypeCode(FASAT) & dailyValueIntakePercent	M
Nutrient Label contents and measures	Sodium DV RDI USA	nutrientTypeCode(NA) & dailyValueIntakePercent	M
Nutrient Label contents and measures	Sodium (mg)	nutrientTypeCode(NA) & measurementPrecisionCode & quantityContained & UOM	M
Nutrient Label contents and measures	Soluble Fiber (gm)	nutrientTypeCode(FIBSOL) & measurementPrecisionCode & quantityContained & UOM	R



Nutrient Label contents and measures	Thiamin DV RDI USA	nutrientTypeCode(THIA) & dailyValueIntakePercent	R
Nutrient Label contents and measures	Total Dietary Fiber (gram)	nutrientTypeCode(FIBTSW) & measurementPrecisionCode & quantityContained & UOM	M

GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication
Nutrient Label contents and measures	Total Dietary Fiber DV RDI USA	nutrientTypeCode(FIBTSW) & dailyValueIntakePercent	M
Nutrient Label contents and measures	Total Fat (gram)	nutrientTypeCode(FAT) & measurementPrecisionCode & quantityContained & UOM	M
Nutrient Label contents and measures	Total Fat DV RDI USA	nutrientTypeCode(FAT) & dailyValueIntakePercent	M
Nutrient Label contents and measures	Total Sugar (gram)	nutrientTypeCode(SUGAR-) & measurementPrecisionCode & quantityContained & UOM	M
Nutrient Label contents and measures	Transfatty Acids (gram)	nutrientTypeCode(FATR) & measurementPrecisionCode & quantityContained & UOM	M
Nutrient Label contents and measures	Vitamin A IU DV RDI USA	nutrientTypeCode(VITA-) & dailyValueIntakePercent	R
Nutrient Label contents and measures	Vitamin B12 DV RDI USA	nutrientTypeCode(VITB12) & dailyValueIntakePercent	R
Nutrient Label contents and measures	Vitamin B6 DV RDI USA	nutrientTypeCode(VITB6-) & dailyValueIntakePercent	R



Nutrient Label contents and measures	Vitamin C DV RDI USA	nutrientTypeCode(VITC-) & dailyValueIntakePercent	<b>R</b>
Nutrient Label contents and measures	Vitamin D DV RDI USA	nutrientTypeCode(VITD-) & dailyValueIntakePercent	<b>M</b>
Nutrient Label contents and measures	Vitamin D (mcg)	nutrientTypeCode(VITD-) & measurementPrecisionCode & quantityContained & UOM	<b>M</b>

GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication
Nutrient Label contents and measures	Vitamin E DV RDI USA	nutrientTypeCode(VITE-) & measurementPrecisionCode & quantityContained & UOM	<b>R</b>
Nutrient Label contents and measures	Vitamin K DV RDI USA	nutrientTypeCode(VITK) & measurementPrecisionCode & quantityContained & UOM	<b>R</b>
Nutrient Label contents and measures	Zinc DV RDI USA	nutrientTypeCode(ZN) & dailyValueIntakePercent	<b>R</b>
Allergen Relevant Data Provided	Allergen Relevant Data Provided	allergenRelevantDataProvided	<b>R</b>
	Allergen Agency	allergenSpecificationAgency	<b>C</b>
	Allergen Regulation Name	allergenSpecificationName	<b>C</b>
Allergens	Crustacean	allergenTypeCode (AC) & levelOfContainmentCode	<b>M</b>



Eggs	allergenTypeCode(AE) & levelOfContainmentCode	<b>M</b>
Fish	allergenTypeCode(AF) & levelOfContainmentCode	<b>M</b>
Milk	allergenTypeCode(AM) & levelOfContainmentCode	<b>M</b>
Tree Nuts	allergenTypeCode(AN) & levelOfContainmentCode	<b>M</b>

GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication
Allergens	Wheat	allergenTypeCode(UW) & levelOfContainmentCode	<b>M</b>
	Soy	allergenTypeCode(AY) & levelOfContainmentCode	<b>M</b>
	Peanuts	allergenTypeCode(AP) & levelOfContainmentCode	<b>M</b>
	Sesame	allergenTypeCode(AS) & levelOfContainmentCode	<b>M</b>
	Sulphur Dioxide	allergenTypeCode(AU) & levelOfContainmentCode	<b>R</b>
	Celery	allergenTypeCode(BC) & levelOfContainmentCode	<b>R</b>



	Lupin	allergenTypeCode(NL) & levelOfContainmentCode	R
	Mollusks	allergenTypeCode(UM) & levelOfContainmentCode	R
	Mustard	allergenTypeCode(BM) & levelOfContainmentCode	R
Drained Weight	Drained Weight	drainedWeight & UoM	R

GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication
Nutritional Claim	Cholesterol Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(CHOLESTEROL)	R
	Dairy Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(DAIRY)	R
	Fat Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(FAT)	M
	Lactose Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(LACTOSE)	R
	Sodium Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(SODIUM_OR_SALT)	M
	Trans Fat Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(TRANS_FAT)	R



	MSG Free	nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(MSG)	<b>M</b>
	Low Calorie	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(CALORIE)	<b>R</b>
	Low Cholesterol	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(CHOLESTEROL)	<b>M</b>
	Low Fat	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(FAT)	<b>M</b>

GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required for Publication
Nutritional Claim	Low Sodium	nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(SODIUM_OR_SALT)	<b>M</b>
	Can your product termed Natural or All Natural	nutritionalClaimTypeCode(NATURAL)	<b>R</b>
	No Sugar Added	nutritionalClaimTypeCode(NO_ADDED) & nutritionalClaimNutrientElementCode(SUGARS)	<b>M</b>
	Reduced Fat	nutritionalClaimTypeCode(REduced_LESS) & nutritionalClaimNutrientElementCode(FAT)	<b>M</b>
	Reduced Sodium	nutritionalClaimTypeCode(REduced_LESS) & nutritionalClaimNutrientElementCode(SODIUM_OR_SALT)	<b>M</b>



## Reference Appendix

### Example: Nutrition Fact Panels

1990 NLEA label

<b>Nutrition Facts</b>	
Serving Size 2/3 cup (55g) Servings Per Container About 8	
Amount Per Serving	
<b>Calories</b> 230	Calories from Fat 72
% Daily Value*	
<b>Total Fat</b> 8g	<b>12%</b>
Saturated Fat 1g	<b>5%</b>
<i>Trans Fat</i> 0g	
<b>Cholesterol</b> 0mg	<b>0%</b>
<b>Sodium</b> 160mg	<b>7%</b>
<b>Total Carbohydrate</b> 37g	<b>12%</b>
Dietary Fiber 4g	<b>16%</b>
Sugars 1g	
<b>Protein</b> 3g	
<b>Vitamin A</b>	<b>10%</b>
<b>Vitamin C</b>	<b>8%</b>
<b>Calcium</b>	<b>20%</b>
<b>Iron</b>	<b>45%</b>
* Percent Daily Values are based on a 2,000 calorie diet. Your daily value may be higher or lower depending on your calorie needs.	
	Calories: 2,000 2,500
Total Fat	Less than 65g 80g
Sat Fat	Less than 20g 25g
Cholesterol	Less than 300mg 300mg
Sodium	Less than 2,400mg 2,400mg
Total Carbohydrate	300g 375g
Dietary Fiber	25g 30g

FDA 2018 label

<b>Nutrition Facts</b>	
8 servings per container	
<b>Serving size</b>	<b>2/3 cup (55g)</b>
Amount per serving	
<b>Calories</b>	<b>230</b>
% Daily Value*	
<b>Total Fat</b> 8g	<b>10%</b>
Saturated Fat 1g	<b>5%</b>
<i>Trans Fat</i> 0g	
<b>Cholesterol</b> 0mg	<b>0%</b>
<b>Sodium</b> 160mg	<b>7%</b>
<b>Total Carbohydrate</b> 37g	<b>13%</b>
Dietary Fiber 4g	<b>14%</b>
Total Sugars 12g	
Includes 10g Added Sugars	<b>20%</b>
<b>Protein</b> 3g	
<b>Vitamin D</b> 2mcg	<b>10%</b>
<b>Calcium</b> 260mg	<b>20%</b>
<b>Iron</b> 8mg	<b>45%</b>
<b>Potassium</b> 235mg	<b>6%</b>
* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.	

### Reminders:

- When entering Calories, Sysco prefers that you select *nutrient type code* **ENER-**. The *UOM code* is **E14** (kilocalories – IT).
  - The "calorie" referred to in food is actually kilocalorie.
- When entering Total Fat, Sysco prefers you select *nutrient type code* **FATNLEA**. The *UOM code* is **GRM**.

## NUTRIENT RELEVANT DATA PROVIDED

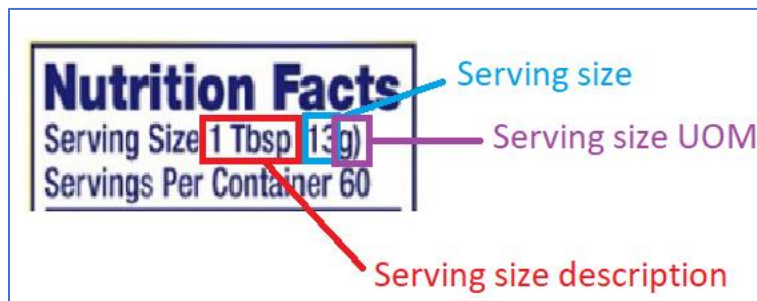
Please populate field as **true**, to signify you have provided all applicable nutrients.

## SERVING SIZE

The following fields are required when populating the serving size information:

- **Serving Size:** numeral
- **Serving Size UOM:** preferably grams or ounces, if available
  - We prefer to have a weight, even for liquids
- **Serving Size Description:** consumer-friendly description of serving size/UOM

Here is an example of how your label's serving size information is translated into the above GS1 fields:





## **Marketing Guidelines:**

The trade Item Marketing Message is the single field where Sysco requires that Suppliers provide Features and Benefit Descriptions. Here are Sysco's requirements for F&B descriptions:

- **Product Descriptor:** Overarching descriptive sentence or two detailing the brand, product description and high-level item information/feature(s) with benefit will come a sequencing of bulleted attributes. General guidelines to keep a consistent formatting of information is preferred. These guidelines may not be applicable or relevant for all products but can be used as overarching guidance. Avoid blanket statements (i.e.: comes in a variety of colors, or sizes) unless it's a kit or sample.
  - **Potential GDSN Mapping (Unique Field Name: Global Data Dictionary Tag):**  
Marketing Message: tradeItemMarketingMessage
- **Bullet Group 1: Packaging Information** -To include inner packaging descriptive, material and or reseal ability, variety pack information and any other important information about how the product is packaged. **NOTE:** Each bullet groups below may contain up to 4 bullets.
  - **Potential GDSN Mapping:**
    - Unit Quantity: quantityOfInnerPackUnit
    - Quantity: totalQuantityOfNextLowerLevelTradeItem
    - # of Units / Inner: quantityOfNextLevelTradeItemWithinInnerPack
- **Bullet Group 2: Size and Shape of Product** -Information including weight, measurements/dimensions including length/width/height and diameter, shape of product (i.e.: bag or pan dimensions, size of French fry) and other defining size, color and shape finished product attributes like natural shape, formed, pattern, range of size (+/-) and basis weight.
  - **Potential GDSN Mapping:**
    - Individual Unit Minimum: individualUnitMinimumSize & UOM
    - Individual Unit Maximum: individualUnitMaximumSize & UOM
- **Bullet Group 3: Yield or Serving Size** -Include dilution, reconstitution, cooking loss, trimming or processing loss or 100% useable points. Always include how much finished product will be available or a range if reconstitution rate can vary for strength of product.
  - **Potential GDSN Mapping:**
    - Serving Suggestions: servingSuggestion
    - Number of Servings Per Package: numberOfServingsPerPackage
    - Serving Size Description: servingSizeDescription
    - Serving Size: servingSize & UOM
    - Serving Size Weight in Grams: servingSizeWeight



- **Bullet Group 4: Quality and Format** –To include any relevant quality level information, how the product is formatted (i.e.: chopped, ground, liquid, etc.), any additional packaging information not included in bullet group one, meat buyer guide number and any percentages of product blends. Also, the material that the product is made from, very relevant in the disposable's category and other defining finished product attributes like pre sliced, breading, injections, grades etc. For non-food items, include recommended use or tasks.
- **Bullet Group 5: Preparation and Cooking Instructions** –Include methods of preparation (thawing), cooking and serving product; State if it's Prepared, Heat & Serve, Ready to Eat, etc.; Never more than 3 cooking methods where applicable. **NOTE:** Non-Food items will fill-in N/A, when applicable.
  - **Potential GDSN Mapping:**
    - Preparation Type: preparationTypeCode
    - Preparation and Cooking Suggestions: preparation instructions
- **Bullet Group 6: Storage and Usage**–Include how to store and at what temperature; How to handle through the acceptable lifecycle of the product and if the product has date labeling. Suggested storage information (i.e.: fresh, frozen, dry storage) and shelf life (while frozen and/or after thawed).
  - **Potential GDSN Mapping:**
    - Consumer Usage Information: consumerUsageInstructions
    - Consumer Storage Instructions: consumerStorageInstructions
    - Storage Temp From: temperatureQualifierCode(STORAGE\_Handling) & minimumTemperature & UOM
    - Storage Temp To: temperatureQualifierCode(STORAGE\_Handling) & maximumTemperature & UOM
    - Shelf Life: minimumTradeItemLifespanFromTimeOfProduction
    - Shelf Life from Arrival: minimumTradeItemLifespanFromTimeOfArrival
- **Bullet Group 7: Handling Instructions** –Suggested or special handling instructions for product. Provide detailed handling temperature information where applicable.
  - **Potential GDSN Mapping:**
    - Storage Temp From: temperatureQualifierCode(STORAGE\_Handling) & minimumTemperature & UOM
    - Storage Temp To: temperatureQualifierCode(STORAGE\_Handling) & maximumTemperature & UOM
    - Shelf Life: minimumTradeItemLifespanFromTimeOfProduction
    - Shelf Life from Arrival: minimumTradeItemLifespanFromTimeOfArrival
- **Bullet Group 8: Additional Product Information** –Provided dating on packaging and exterior case dimensions. Also, any additional relevant product information may be provided if it relates to a feature or benefit of the product not defined in the above attributes.



- **Potential GDSN Mapping:**
  - Height: height & UoM
  - Depth: depth & UoM
  - Width: width & UoM
- **•Bullet Group 9: Marketing Statements** -Customer-centric marketing features and benefits statements. Each statement must highlight the benefit to customers.
  - **Potential GDSN Mapping:**
    - Features and Benefits: tradeitemFeatureBenefitExtended
- **•Bullet Group 10: Culinary Applications** -Up to 2 culinary application concepts in the form of menu descriptions.