



Costco Wholesale Corporation

GDSN Implementation Guide

Version 1.2
September, 2017

OVERVIEW

This document is intended for Suppliers who will be sending product data to Costco Wholesale Corporation through the GDSN and have subscribed to a GDSN Certified Data Pool other than FSEnet⁺.

Suppliers currently publishing item information through the Global Data Synchronization Network (GDSN) for their Retail Trading Partners will need to populate additional data attributes to meet the Costco Wholesale Corporation requirement.

All communication related to Costco Wholesale Corporation implementation should be directed to FSEnet⁺. Your FSEnet⁺ contact will review the options available to you and recommend the option which best suits your company's needs.

FSE – Additional Contacts

1. For Suppliers who have an existing relationship with FSEnet⁺, please contact your assigned FSE Account Manager. Otherwise, please contact Merissa Hamilton, Director of Customer Experience, 480-374-0102 or merissa@fsenet.com
2. For Suppliers who do not have an existing relationship with FSEnet⁺, please contact sales@fsenet.com

Costco Wholesale Corporation GLN Information

Costco Wholesale Corporation Production GLN: 0096619000012

Costco Wholesale Corporation Data Synchronization Environment

Data Pool: FSEnet⁺
System: FSEnet⁺ Portal

Publishing to Costco Wholesale Corporation via the GDSN

Publications

1. Costco Wholesale Corporation requires their Suppliers to publish all products that the Supplier would like to make available to Costco Wholesale Corporation.
2. Items to include:
 - a. Items Costco Wholesale Corporation currently lists
 - b. Items that Supplier would like Costco Wholesale Corporation to list in the future.
3. For the first 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 relationship
 - a. Contact FSEnet⁺ to confirm your implementation
 - b. Review the list of required attributes in this document
 - c. Costco Wholesale Corporation will create a subscription based upon your GLN
2. Prepare product data for Publication
3. Publish all products as “Initial Load”
4. Investigate and respond to “Review” CIC responses. For questions or clarifications please contact FSE at FSENetGDSNSupport@fsenet.com.
5. Ongoing publications to be sent with “New” or “Update” status. To Inactivate a product, send as “Delete”.

Catalog Item Confirmations (CIC's)

Costco Wholesale Corporation 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 Costco Wholesale Corporation GDSN validations. This response will typically be sent within a few hours after receiving the publication.

Review: Product does not pass Costco Wholesale Corporation GDSN validations or product has failed Costco Wholesale Corporation's audit process and therefore has data discrepancies to be reviewed and addressed. Reason 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 fully accepted and loaded into Costco Wholesale Corporation internal system and will be updated as revisions occur. This response will be sent after all validations and audits have been successfully completed.

Rejected: Product has been de-listed by Costco Wholesale Corporation. The item will revert back to Eligible with an Accepted CIC status (if passing audit) or Review CIC status (if failing audit). If required, item can be published to FSEnet⁺ as a delete following the Accepted or Review CIC status.

Required Costco Wholesale Corporation Product Attributes

M = Mandatory Minimum subset of attributes that are required by Costco to receive publication.	R = Additional attributes requested by Costco to fulfill the complete data requirement.	C = Conditional
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Core:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Brand Name	Brand Name	brandName (en,fr)	M	
2	GTIN	GTIN	GTIN	M	
3	Barcode	Barcode Symbolody	dataCarrierTypeCode	R	
4		Barcode Type	gs1TradelItemIdentificationKeyCode	M	
5		Barcode	gs1TradelItemIdentificationKeyValue	M	
6	Unit Descriptor	Product Type	tradelItemUnitDescriptorCode	M	
7	Company Name (Brand Owner)	Brand Owner GLN	brandOwner/ gln	C	Mandatory if Brand Owner Name is provided
8		Brand Owner	brandOwner/ partyName	C	Mandatory if Brand Owner GLN is provided
9	Company Name(Manufacturer)	Manufacturer GLN	manufacturerOfTradelItem/ gln	M	
10		Manufacturer	manufacturerOfTradelItem/ partyName	M	
11	Company Name (Information Provider)	Information Provider GLN	informationProviderOfTradelItem/ gln	M	
12		Info Provider	informationProviderOfTradelItem/ partyName	M	
13	Manufacturer Product Number	Product Code	additionalTradelItemIdentificationTypeCode(SUPPLIER_ASSIGNED) & additionalTradelItemIdentification	R	
14	Distributor Product Number	Recipient Assigned Item Id	additionalTradelItemIdentificationTypeCode(DISTRIBUTOR_ASSIGNED) & additionalTradelItemIdentification	R	Please provide the Costco Item Number in this field after you have received it. Note: A single Costco Item Number could be attached to many different UPCs.
15	Manufacturer Short Product Description	Short Name	descriptionShort (en,fr)	M	
16	Product Name	Long Name	tradelItemDescription (en,fr)	M	
17	Manufacturer Expanded Product Description	General Description	additionalTradelItemDescription (en,fr)	R	
18	Functional Name	Functional Name	functionalName (en,fr)	M	
19	Global Product Classification (GPC)	GPC Code	gpcCategoryCode	M	
20		GPC Description	gpcCategoryDefinition	M	derived from GPC Code

Core Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
21	Storage Temperature Min and Max with UoM and Qualifier	Storage Temp From	temperatureQualifierCode(STORAGE_HANDLING) & minimumTemperature & UOM	R	
22		Storage Temp To	temperatureQualifierCode(STORAGE_HANDLING) & maximumTemperature & UOM	R	
23	Shelf Life	Shelf Life	minimumTradeItemLifespanFromTimeOfProduction	R	
24		Minimum Shelf Life From Arrival	minimumTradeItemLifespanFromTimeOfArrival	R	
25	Trade Item Weight	Gross Weight & UOM	grossWeight & UoM	R	
26		Net Weight & UOM	netWeight & UoM	R	
27	Trade Item Measurements	Height & UOM	height & UOM	M	
28		Width & UOM	width & UoM	M	
29		Depth & UOM	depth & UoM	M	
30		Volume & UOM	inBoxCubeDimension & UOM	R	
31	Pack Size Text	Pack Size Description	shippingContainerQuantityDescription	R	
32	GTIN of Next Lower Package Level	Next Lower Level GTIN	Child level GTIN	C	Dependent (Based on level of Hierarchy)
33	Number of Next Lower Level GTINs	Number of Next Lower Level GTINs	quantityOfChildren	C	Dependent (Based on level of Hierarchy)
34	Quantity of Next Lower Package Level	Qty of Next Lower Level	quantityOfNextLowerLevelTradeItem	C	Mandatory if Lower Level Packaging exists and has GTIN
34a	Quantity of Inner Packs	Unit Quantity	quantityOfInnerPack	C	Mandatory if Lower Level Packaging exists with no GTIN
35	Item in Inner Pack Quantity (No GTIN Assigned)	Quantity Within Inner Pack	quantityOfNextLevelTradeItemWithinInnerPack	C	Mandatory for Unmarked Eaches within Unmarked Inners
36	Net Content with UoM	Net Content & UOM	netContent & UoM	C	One of Net Content/Individual Unit Minimum/Individual Unit Maximum is mandatory at the Lowest level
37	Individual Unit Measures	Individual Unit Minimum	individualUnitMinimumSize & UOM	C	
38		Individual Unit Maximum	individualUnitMaximumSize & UOM	C	
39	Pallet Ti and Pallet Hi	Pallet TI	quantityOfTradeItemsPerPalletLayer	R	
40		Pallet HI	quantityOfLayersPerPallet	R	
41		Total Pallet Quantity	quantityOfTradeItemsPerPallet	R	
42	Variable Unit	Variable Unit	isTradeItemAVariableUnit	M	
43	Effective Date of Change	Product Effective Date	effectiveDateTime	M	
44	Item Availability Date	Item Availability Date	startAvailabilityDateTime	R	
45	Target Market	Target Market	targetMarketCountryCode	M	

Core Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
46	Country of Origin	Country Origin of Product	CountryOfOrigin/Country	M	
47	Kosher, Vegan, Halal, Gluten-free etc.	Diet Type: Kosher	dietTypeCode(KOSHER)	R	
48		Diet Type: Halal	dietTypeCode(HALAL)	R	
49		Diet Type: Vegan	dietTypeCode(VEGAN)	R	
50	Are non-sold items returnable?	Are Non-Sold Items Returnable?	isNonSoldTradeItemReturnable	R	
51	Is Trade Item Consumer Unit?	Is Consumer Unit ?	isTradeItemAConsumerUnit	M	
52	Is Trade Item Shipping Unit?	Dispatchable Unit ?	isTradeItemADespatchUnit	M	
53	Is Trade Item Invoice Unit?	Invoice Unit ?	isTradeItemAnInvoiceUnit	M	
54	Is Trade Item Orderable?	is Orderable unit ?	isTradeItemAnOrderableUnit	M	
55	Is Item the Base Unit (Lowest Packaging Level)	Is Base Unit ?	isTradeItemABaseUnit	M	
56	Is Packaging marked as Returnable?	Is Packaging Returnable?	isPackagingMarkedReturnable	M	
57	Is the Item marked with a Batch/Lot Number?	Marked with Batch Number	hasBatchNumber	R	
58	Packaging Information	Packaging Type	packagingTypeCode	R	
59		Packaging Material Type	packagingMaterialTypeCode	R	
60	Import Classification Type and Value	Import Classification Type	importClassificationTypeCode	C	Mandatory if Value is provided
61		Vendor Harmonized Tariff Id	importClassificationValue	C	Mandatory if Type is provided
62	Taxes	PST Tax Applicable	dutyFeeTaxAgencyCode(ZZZ) & dutyFeeTaxAgencyName & dutyFeeTaxTypeCode(PST) & dutyFeeTaxCountryCode(124) & dutyFeeTaxCountrySubdivisionCode & dutyFeeTaxCategoryCode(APPLICABLE)	R	dutyFeeTaxAgencyName for PST Tax Applicable are BC,MB,QC or SK based on Province Code.
63		GST/HST Tax Applicable	dutyFeeTaxAgencyCode(ZZZ) & dutyFeeTaxAgencyName(CRA) & dutyFeeTaxTypeCode(GST/HST) & dutyFeeTaxCountryCode(124) & dutyFeeTaxCategoryCode	M	The PST Tax Applicable cannot be set for a province if the GST is set to EXEMPT

Core Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
64	Contact Information	Contact Type	contactTypeCode	C	Mandatory if Contact Name or Contact Description is provided
65		Contact Name	contactName	R	
66		Contact Description	contactDescription	R	
67		Channel Code	communicationChannelCode	C	Mandatory if Communication Value is provided
68		Communication Value	communicationValue	R	
69		Hazmat Class	classOfDangerousGoods	R	
70		Hazmat Chemical	dangerousGoodsTechnicalName	R	
71		Hazmat Package Group	dangerousGoodsPackingGroup	R	
72		Hazmat UN Number	unitedNationsDangerousGoodsNumber	R	
73		HazMat MSDS Number	sDSSheetNumber	R	

Publishing additional attributes to Costco Wholesale Corporation via the GDSN

Costco Wholesale Corporation will accept additional attributes if made available through the GDSN. The additional attributes have been broken into two subsets of data including Marketing and Nutrition. Each subset of data has minimum requirements for publication. Please refer to appendix A to review the requirements.

Appendix A

Marketing:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Benefits	Benefits	tradeItemMarketingMessage (en,fr)	R	
2	Consumer Storage and Usage Information	Consumer Storage Information	consumerStorageInstructions (en,fr)	R	
3		Consumer Usage Information	consumerUsageInstructions (en,fr)	R	
4	Preparation & Cooking Instructions	Preparation and Cooking Suggestions	preparationInstructions (en,fr)	R	
5		Preparation Type	preparationTypeCode	R	
6	Serving Suggestions	Serving Suggestions	servingSuggestion(en,fr)	R	
7		Is Trade Item Packaging marked Recyclable	packagingRecyclingSchemeCode	R	
8	Is the Item marked as recyclable?	Is it marked as recyclable?	isTradeItemMarkedAsRecyclable	R	

Nutrition:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Servings of the Trade Item Unit	Number of Servings Per Package	numberOfServingsPerPackage	C	Mandatory if Food
2	Nutrition Fact Serving Size & UOM	Serving Size	servingSize & UOM	C	Mandatory if Food
3	Serving Size Text	Serving Size Description	servingSizeDescription	C	Mandatory if Food
4	Basis Type & Quantity	Basis Type Code	nutrientBasisQuantityTypeCode	R	
5		Basis Quantity	nutrientBasisQuantity & UOM	R	
6	Nutrient Label contents and measures	Preparation State	preparationStateCode	R	
7	Nutrient Relevant Data Provided	Nutrient Relevant Data Provided	nutrientRelevantDataProvided(AVP)	R	If provided value is Yes product passes Nutrients audit
8	Nutrient Label contents and measures	Biotin	nutrientTypeCode(BIOT) & measurementPrecisionCode & quantityContained & UOM	R	
9	Nutrient Label contents and measures	Biotin % RDI USA	nutrientTypeCode(BIOT) & dailyValueIntakePercent	R	
10	Nutrient Label contents and measures	Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & UOM	R	
11	Nutrient Label contents and measures	Calcium % RDI USA	nutrientTypeCode(CA) & dailyValueIntakePercent	C	Mandatory if Food
12	Nutrient Label contents and measures	Calories (Cal)	nutrientTypeCode(ENER-) & measurementPrecisionCode & quantityContained & UOM	C	Mandatory if Food
13	Nutrient Label contents and measures	Calories from Fat (Cal)	nutrientTypeCode(ENERPF) & measurementPrecisionCode & quantityContained & UOM	C	Mandatory if Food
14	Nutrient Label contents and measures	Carbohydrates (g)	nutrientTypeCode(CHO-) & measurementPrecisionCode & quantityContained & UOM	C	Mandatory if Food
15	Nutrient Label contents and measures	Carbohydrates % RDI	nutrientTypeCode(CHO-) & dailyValueIntakePercent	C	Mandatory if Food
16	Nutrient Label contents and measures	Chloride (mg)	nutrientTypeCode(CLD) & measurementPrecisionCode & quantityContained & UOM	R	
17	Nutrient Label contents and measures	Chloride % RDI USA	nutrientTypeCode(CLD) & dailyValueIntakePercent	R	
18	Nutrient Label contents and measures	Cholesterol (mg)	nutrientTypeCode(CHOL-) & measurementPrecisionCode & quantityContained & UOM	C	Mandatory if Food
19	Nutrient Label contents and measures	Cholesterol % RDI	nutrientTypeCode(CHOL-) & dailyValueIntakePercent	C	Mandatory if Food

Nutrition Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
20	Nutrient Label contents and measures	Chromium (mcg)	nutrientTypeCode(CR) & measurementPrecisionCode & quantityContained & UOM	R	
21	Nutrient Label contents and measures	Chromium % RDI	nutrientTypeCode(CR) & dailyValueIntakePercent	R	
22	Nutrient Label contents and measures	Copper (mg)	nutrientTypeCode(CU) & measurementPrecisionCode & quantityContained & UOM	R	
23	Nutrient Label contents and measures	Copper % RDI	nutrientTypeCode(CU) & dailyValueIntakePercent	R	
24	Nutrient Label contents and measures	Folate (mcg)	nutrientTypeCode(FOL-) & measurementPrecisionCode & quantityContained & UOM	R	
25	Nutrient Label contents and measures	Folate % RDI	nutrientTypeCode(FOL-) & dailyValueIntakePercent	R	
26	Nutrient Label contents and measures	Insoluble Fibre (g)	nutrientTypeCode(FIBINS) & measurementPrecisionCode & quantityContained & UOM	R	
27	Nutrient Label contents and measures	Insoluble Fibre % RDI	nutrientTypeCode(FIBINS) & dailyValueIntakePercent	R	
28	Nutrient Label contents and measures	Iron (mg)	nutrientTypeCode(FE) & measurementPrecisionCode & quantityContained & UOM	R	
29	Nutrient Label contents and measures	Iron % RDI	nutrientTypeCode(FE) & dailyValueIntakePercent	C	Mandatory if Food
30	Nutrient Label contents and measures	Magnesium (mg)	nutrientTypeCode(MG) & measurementPrecisionCode & quantityContained & UOM	R	
31	Nutrient Label contents and measures	Magnesium % RDI	nutrientTypeCode(MG) & dailyValueIntakePercent	R	
32	Nutrient Label contents and measures	Manganese (mg)	nutrientTypeCode(MN) & measurementPrecisionCode & quantityContained & UOM	R	
33	Nutrient Label contents and measures	Manganese % RDI	nutrientTypeCode(MN) & dailyValueIntakePercent	R	
34	Nutrient Label contents and measures	Molybdenum (mcg)	nutrientTypeCode(MO) & measurementPrecisionCode & quantityContained & UOM	R	
35	Nutrient Label contents and measures	Molybdenum % RDI	nutrientTypeCode(MO) & dailyValueIntakePercent	R	
36	Nutrient Label contents and measures	Monounsaturated Fat (g)	nutrientTypeCode(FAMS) & measurementPrecisionCode & quantityContained & UOM	R	
37	Nutrient Label contents and measures	Monounsaturated Fat % RDI	nutrientTypeCode(FAMS) & dailyValueIntakePercent	R	

Nutrition Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
38	Nutrient Label contents and measures	Niacin (mg)	nutrientTypeCode(NIA) & measurementPrecisionCode & quantityContained & UOM	R	
39	Nutrient Label contents and measures	Niacin % RDI	nutrientTypeCode(NIA) & dailyValueIntakePercent	R	
40	Nutrient Label contents and measures	Other Carbohydrates (g)	nutrientTypeCode(CHOAVL) & measurementPrecisionCode & quantityContained & UOM	R	
41	Nutrient Label contents and measures	Other Carbohydrates %RDI	nutrientTypeCode(CHOAVL) & dailyValueIntakePercent	R	
42	Nutrient Label contents and measures	Pantothenic (mg)	nutrientTypeCode(PANTAC) & measurementPrecisionCode & quantityContained & UOM	R	
43	Nutrient Label contents and measures	Pantothenic % RDI	nutrientTypeCode(PANTAC) & dailyValueIntakePercent	R	
44	Nutrient Label contents and measures	Phosphorous (mg)	nutrientTypeCode(P) & measurementPrecisionCode & quantityContained & UOM	R	
45	Nutrient Label contents and measures	Phosphorous % RDI	nutrientTypeCode(P) & dailyValueIntakePercent	R	
46	Nutrient Label contents and measures	Polyunsaturated Fat (g)	nutrientTypeCode(FAPU) & measurementPrecisionCode & quantityContained & UOM	R	
47	Nutrient Label contents and measures	Polyunsaturated % RDI	nutrientTypeCode(FAPU) & dailyValueIntakePercent	R	
48	Nutrient Label contents and measures	Potassium (mg)	nutrientTypeCode(K) & measurementPrecisionCode & quantityContained & UOM	R	
49	Nutrient Label contents and measures	Potassium % RDI	nutrientTypeCode(K) & dailyValueIntakePercent	R	
50	Nutrient Label contents and measures	Protein (g)	nutrientTypeCode(PRO-) & measurementPrecisionCode & quantityContained & UOM	C	Mandatory if Food
51	Nutrient Label contents and measures	Riboflavin B2 (mg)	nutrientTypeCode(RIBF) & measurementPrecisionCode & quantityContained & UOM	R	
52	Nutrient Label contents and measures	Riboflavin B2 % RDI	nutrientTypeCode(RIBF) & dailyValueIntakePercent	R	
53	Nutrient Label contents and measures	Saturated Fat (g)	nutrientTypeCode(FASAT) & measurementPrecisionCode & quantityContained & UOM	C	Mandatory if Food
54	Nutrient Label contents and measures	Saturated Fat % RDI	nutrientTypeCode(FASAT) & dailyValueIntakePercent	C	Mandatory if Food
55	Nutrient Label contents and measures	Selenium (mcg)	nutrientTypeCode(SE) & measurementPrecisionCode & quantityContained & UOM	R	
56	Nutrient Label contents and measures	Selenium % RDI	nutrientTypeCode(SE) & dailyValueIntakePercent	R	

Nutrition Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
57	Nutrient Label contents and measures	Sodium (mg)	nutrientTypeCode(NA) & measurementPrecisionCode & quantityContained & UOM	C	Mandatory if Food
58	Nutrient Label contents and measures	Sodium % RDI	nutrientTypeCode(NA) & dailyValueIntakePercent	C	Mandatory if Food
59	Nutrient Label contents and measures	Soluble Fiber (g)	nutrientTypeCode(FIBSOL) & measurementPrecisionCode & quantityContained & UOM	R	
60	Nutrient Label contents and measures	Soluble Fiber % RDI	nutrientTypeCode(FIBSOL) & dailyValueIntakePercent	R	
61	Nutrient Label contents and measures	Thiamin	nutrientTypeCode(THIA) & measurementPrecisionCode & quantityContained & UOM	R	
62	Nutrient Label contents and measures	Thiamin % RDI	nutrientTypeCode(THIA) & dailyValueIntakePercent	R	
63	Nutrient Label contents and measures	Total Dietary Fiber (g)	nutrientTypeCode(FIBTSW) & measurementPrecisionCode & quantityContained & UOM	C	Mandatory if Food
64	Nutrient Label contents and measures	Total Dietary Fiber % RDI	nutrientTypeCode(FIBTSW) & dailyValueIntakePercent	C	Mandatory if Food
65	Nutrient Label contents and measures	Total Fat (g)	nutrientTypeCode(FAT) & measurementPrecisionCode & quantityContained & UOM	C	Mandatory if Food
66	Nutrient Label contents and measures	Total Fat % RDI	nutrientTypeCode(FAT) & dailyValueIntakePercent	C	Mandatory if Food
67	Nutrient Label contents and measures	Total Sugar (g)	nutrientTypeCode(SUGAR-) & measurementPrecisionCode & quantityContained & UOM	C	Mandatory if Food
68	Nutrient Label contents and measures	Total Sugar % RDI	nutrientTypeCode(SUGAR-) & dailyValueIntakePercent	R	
69	Nutrient Label contents and measures	Transfatty Acids (g)	nutrientTypeCode(FATRNL) & measurementPrecisionCode & quantityContained & UOM	C	Mandatory if Food
70	Nutrient Label contents and measures	Vitamin A (IU)	nutrientTypeCode(VITA-) & measurementPrecisionCode & quantityContained & UOM	R	
71	Nutrient Label contents and measures	Vitamin A IU % RDI	nutrientTypeCode(VITA-) & dailyValueIntakePercent	C	Mandatory if Food
72	Nutrient Label contents and measures	Vitamin B12 (mcg)	nutrientTypeCode(VITB12) & measurementPrecisionCode & quantityContained & UOM	R	
73	Nutrient Label contents and measures	Vitamin B12 % RDI	nutrientTypeCode(VITB12) & dailyValueIntakePercent	R	
74	Nutrient Label contents and measures	Vitamin B6 (mg)	nutrientTypeCode(VITB6-) & measurementPrecisionCode & quantityContained & UOM	R	
75	Nutrient Label contents and measures	Vitamin B6 % RDI	nutrientTypeCode(VITB6-) & dailyValueIntakePercent	R	

Nutrition Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
76	Nutrient Label contents and measures	Vitamin C (mg)	nutrientTypeCode(VITC-) & measurementPrecisionCode & quantityContained & UOM	R	
77	Nutrient Label contents and measures	Vitamin C % RDI	nutrientTypeCode(VITC-) & dailyValueIntakePercent	C	Mandatory if Food
78	Nutrient Label contents and measures	Vitamin D (mcg)	nutrientTypeCode(VITD-) & measurementPrecisionCode & quantityContained & UOM	R	
79	Nutrient Label contents and measures	Vitamin D % RDI	nutrientTypeCode(VITD-) & dailyValueIntakePercent	R	
80	Nutrient Label contents and measures	Vitamin E (mg)	nutrientTypeCode(VITE-) & measurementPrecisionCode & quantityContained & UOM	R	
81	Nutrient Label contents and measures	Vitamin E % RDI	nutrientTypeCode(VITE-) & dailyValueIntakePercent	R	
82	Nutrient Label contents and measures	Vitamin K (mcg)	nutrientTypeCode(VITK) & measurementPrecisionCode & quantityContained & UOM	R	
83	Nutrient Label contents and measures	Vitamin K % RDI	nutrientTypeCode(VITK) & dailyValueIntakePercent	R	
84	Nutrient Label contents and measures	Zinc (mg)	nutrientTypeCode(ZN) & measurementPrecisionCode & quantityContained & UOM	R	
85	Nutrient Label contents and measures	Zinc % RDI USA	nutrientTypeCode(ZN) & dailyValueIntakePercent	R	
86	Allergen Relevant Data Provided	Allergen Relevant Data Provided	allergenRelevantDataProvided(AVP)	R	
87	Allergens	Milk	allergenTypeCode (AM) & levelOfContainmentCode	R	
88	Allergens	Milk Agency Name	allergenTypeCode (AM) & allergenSpecificationAgency	R	
89	Allergens	Milk Regulation Name	allergenTypeCode (AM) & allergenSpecificationName	R	
90	Allergens	Eggs	allergenTypeCode (AE) & levelOfContainmentCode	R	
91	Allergens	Eggs Agency Name	allergenTypeCode (AE) & allergenSpecificationAgency	R	
92	Allergens	Eggs Regulation Name	allergenTypeCode (AE) & allergenSpecificationName	R	

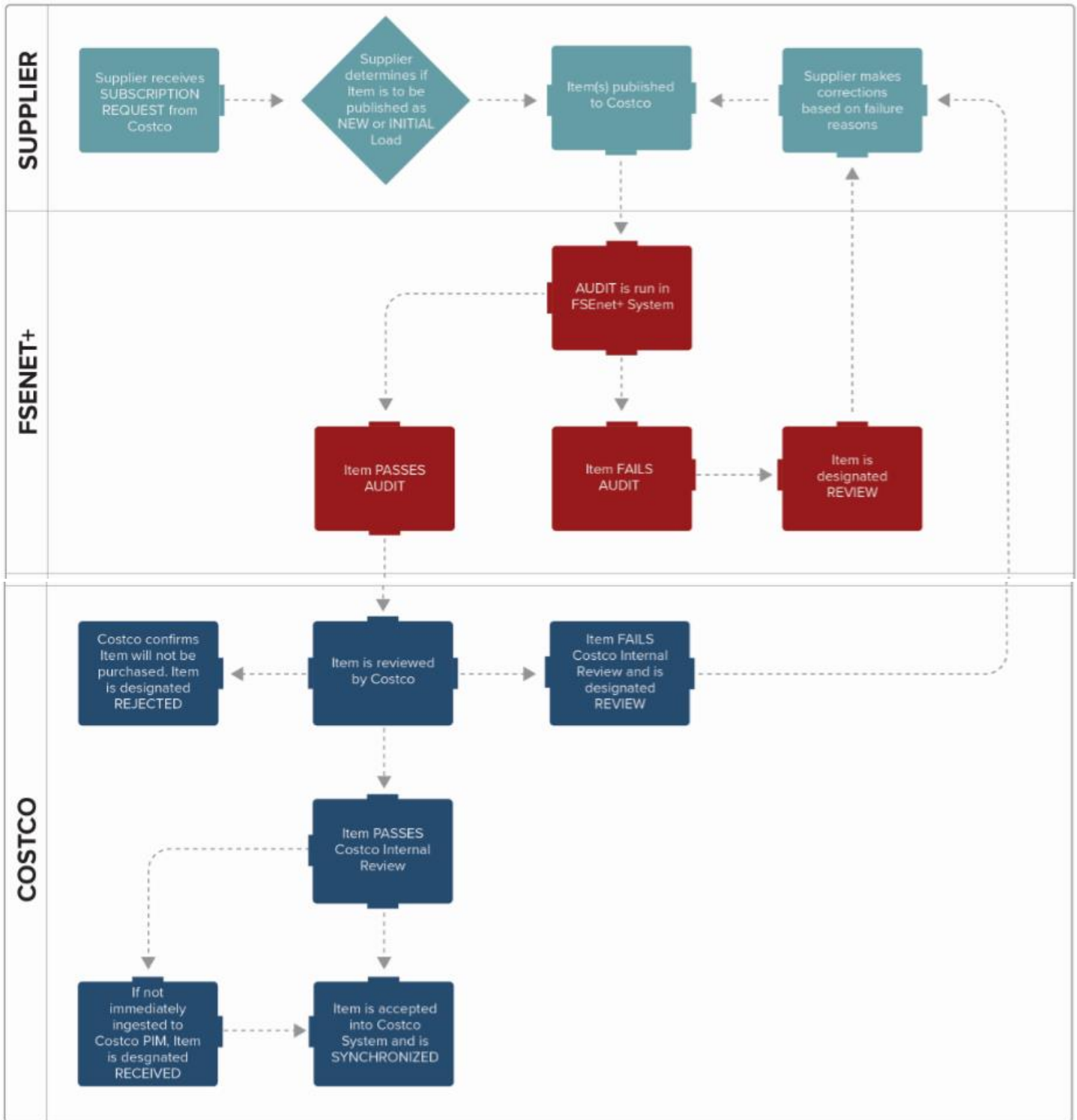
Nutrition Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
93	Allergens	Fish	allergenTypeCode (AF) & levelOfContainmentCode	R	
94	Allergens	Fish Agency Name	allergenTypeCode (AF) & allergenSpecificationAgency	R	
95	Allergens	Fish Regulation Name	allergenTypeCode (AF) & allergenSpecificationName	R	
96	Allergens	Crustacean	allergenTypeCode (AC) & levelOfContainmentCode	R	
97	Allergens	Crustacean Agency Name	allergenTypeCode (AC) & allergenSpecificationAgency	R	
98	Allergens	Crustacean Regulation Name	allergenTypeCode (AC) & allergenSpecificationName	R	
99	Allergens	Tree Nuts	allergenTypeCode (AN) & levelOfContainmentCode	R	
100	Allergens	Tree Nuts Agency Name	allergenTypeCode (AN) & allergenSpecificationAgency	R	
101	Allergens	Tree Nuts Regulation Name	allergenTypeCode (AN) & allergenSpecificationName	R	
102	Allergens	Peanuts	allergenTypeCode (AP) & levelOfContainmentCode	R	
103	Allergens	Peanuts Agency Name	allergenTypeCode (AP) & allergenSpecificationAgency	R	
104	Allergens	Peanuts Regulation Name	allergenTypeCode (AP) & allergenSpecificationName	R	
105	Allergens	Wheat	allergenTypeCode(UW) & levelOfContainmentCode	R	
106	Allergens	Wheat Agency Name	allergenTypeCode (AC) & allergenSpecificationAgency	R	
107	Allergens	Wheat Regulation Name	allergenTypeCode (AC) & allergenSpecificationName	R	
108	Allergens	Soybeans	allergenTypeCode (AY) & levelOfContainmentCode	R	
109	Allergens	Soybeans Agency Name	allergenTypeCode (AY) & allergenSpecificationAgency	R	
110	Allergens	Soybeans Regulation Name	allergenTypeCode (AY) & allergenSpecificationName	R	
111	Allergens	Sesame	allergenTypeCode(AS) & levelOfContainmentCode	R	
112	Allergens	Sesame Agency Name	allergenTypeCode(AS) & allergenSpecificationAgency	R	
113	Allergens	Sesame Regulation Name	allergenTypeCode(AS) & allergenSpecificationName	R	

Nutrition Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
114	Allergens	Sulphites	allergenTypeCode(AU) & levelOfContainmentCode	R	
115	Allergens	Sulphites Agency Name	allergenTypeCode(AU) & allergenSpecificationAgency	R	
116	Allergens	Sulphites Regulation Name	allergenTypeCode(AU) & allergenSpecificationName	R	
117	Allergens	Corn	allergenTypeCode(NM) & levelOfContainmentCode	R	
118	Allergens	Corn Agency Name	allergenTypeCode(NM) & allergenSpecificationAgency	R	
119	Allergens	Corn Regulation Name	allergenTypeCode(NM) & allergenSpecificationName	R	
120	Child nutrition label	Child Nutrition Flag	nutritionLabelTypeCode (1)	R	
121	Ingredients	Ingredients	ingredientStatement (en,fr)	C	Mandatory if Food
122	Product Activity Zone	Fish Catch Zone	productActivityTypeCode(CATCH_ZONE)	R	

Supplier CIC Notifications



NOTE:

1. Status designations of RECEIVED, REVIEW, SYNCHRONIZED, and REJECTED are sent to Suppliers in CIC's.
2. When an Item is delisted (before or after it has been ingested by Costco) Supplier will receive a REJECTED CIC.