

External Code Lists

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Appendix A - External Code Lists

In accordance with the Chem eStandards design principles and guidelines, every effort has been made to leverage work from other industries and endorse if appropriate.

As a result, numerous code lists used in the Chem eStandards are incorporated from external sources such as ISO, UN/EDIFACT, ANSI ASC X12 and NMFTA(SCAC). These code lists are not maintained by CIDX, but by the respective organizations to which they belong.

Implementers of the Chem eStandards who use these code lists as part of their message interactions should contact the source supplier to obtain the actual codes, and may wish to consider subscribing to the organizations referenced in order to obtain periodic updates and revisions.

This Appendix contains a list of the elements that reference external code lists, and information about how to contact these organizations directly.

Table of Elements Using External Codes

Elements that reference external code tables contain the word 'Code' in their element name. In addition, each element contains a Domain attribute which provides a specific string value used in the Chem eStandards DTDs to identify that code list.

The element names, a description of the element, the name of the code list, and the assigned Domain value are listed in the following table:

Element Name	Definition	Code List Name	Domain Value
AdjustmentCode	Reason code for adjustment to invoice or payment or other type of financial transaction	ANSI ASC X12 426	(ANSI-ASC-X12-426)
CarrierEquipmentCode	Code identifying type of equipment used for shipment	ANSI ASC X12 40	(ANSI-ASC-X12-40)
CompartmentIdentifier Code	Code identifying the compartment in a compartmentalized tank conveyance or similar transportation equipment.	ASC X12 595	(ASC-X12-595)
CountryOfFinalDestinationCode	The country where product is ultimately delivered or is deemed to have been delivered	ISO 3166	(ISO-3166)

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Element Name	Definition	Code List Name	Domain Value
CountryOfOriginCode	The code of the country where product originates or is deemed to have originated	ISO 3166	(ISO-3166)
CurrencyCode	Code of the currency in which the monetary amount is specified	ISO 4217	(ISO-4217)
EPAWasteStreamNumberCode	The waste stream number applicable to the movement of hazardous waste as determined by the US Environmental Protection Agency	ANSI ASC X12 806	(ANSI-ASC-X12-806)
EmergencyScheduleCode	Code used to describe emergency procedures for handling the hazardous material. Designates the Emergency Procedures for Ships Carrying Dangerous Goods (EmS), a supplement to the IMDG Code, published by the International Maritime Organization.	International Maritime Dangerous Goods Code	(IMO-IMDG)
EquipmentOwnershipCode	Indication of relationship of equipment to carrier or ownership of equipment	UN/EDIFACT 8077	(UN-EDIFACT-8077)
HazardousClassPrimaryCode	The primary hazardous classification corresponding to the shipping name of the hazardous commodity	ANSI ASC X12 215	(ANSI-ASC-X12-215)
HazardousClassSecondaryCode	The secondary hazardous classification corresponding to the shipping name of the hazardous commodity	ANSI ASC X12 215	(ANSI-ASC-X12-215)
HazardousZoneCode	Code specifying the Department of Transportation assigned zone designating the Inhalation Toxicity Hazard Zone	ANSI ASC X12 1023	(ANSI-ASC-X12-1023)
InlandDestinationPointCode	Inland destination point that the material physically is moving to	UN/LOCODE	(UN-LOCODE)
InlandOriginPointCode	Inland origin point that the material physically is moving from	UN/LOCODE	(UN-LOCODE)
LanguageCode	Language used for the transaction	ISO 639-2/T	(ISO-639-2T)

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Element Name	Definition	Code List Name	Domain Value
LineOrderStatusCode	To convey the shipment status of a line item in response to an OrderStatusRequest. (example: complete, back ordered, delivered to destination, etc)	ANSI ASC X12 368	(ANSI-ASC-X12-368)
LocationCode	A code that designates a specific port or station at a geographic location.	Standard Point Location Code (SPLC) or UN/LOCODE	(SPLC UN-LOCODE)
LocationIdentifier	Designates a specific geographical location by use of latitude and longitude (and altitude) per ISO 6709 specification. ISO 6709 is not a code list, but a format for expressions of latitude and longitude in degrees and decimal degrees.		
NotAvailableInCountryCode	Country in which product is not available	ISO 3166	(ISO-3166)
NotOtherwiseSpecifiedRequirementsCode	The commodity is subject to the regulatory requirements for Not Otherwise Specified	ASC X12 895	(ASC-X12-895)
PackingGroupCode	Code indicating the degree of danger in terms of Roman number I, II or III	ASC X12 254	(ASC-X12-254)
PaymentFormatCode	Identifies payment format to be used	ANSI ASC X12 812	(ANSI-ASC-X12-812)
PaymentMethodCode	The method of payment for goods and services	ANSI ASC X12 591	(ANSI-ASC-X12-591)
PaymentTermsBasisDateCode	Code identifying the beginning of the terms period	ANSI ASC X12 333	(ANSI-ASC-X12-333)
PortOfDischargeCode	The port or location of arrival or unloading	UN/LOCODE	(UN-LOCODE)
PortOfLoadingCode	The port of departure or loading	UN/LOCODE	(UN-LOCODE)

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Element Name	Definition	Code List Name	Domain Value
PortOfTransshipmentCode	A location where a shipment changes carrier or ship	UN/LOCODE	(UN-LOCODE)
PostalCode	The code assigned by local postal authorities to delivery address	string value - no external code list assigned	
PurchaseOrderTypeCode	The category of the purchase order indicating the type of handling it should receive	ANSI ASC X12 92	(ANSI-ASC-X12-92)
RequisitionTypeCode	The category of the requisition indicating the type of handling it should receive.	ANSI ASC X12 92	(ANSI-ASC-X12-92)
RequestedDocumentTypeCode	Code specifying the document name	UN/EDIFACT 1001	(UN-EDIFACT-1001)
ResidueIndicatorCode	Code indicating that the material being described is that which remains in a packaging including a tank after it has been unloaded	ANSI ASC X12 665	(ANSI-ASC-X12-665)
ShipmentIndicatorCode	Code defining the disposition of any difference between the quantity ordered and shipped for a line item	UN/EDIFACT 4221	(UN-EDIFACT-4221)
ShipmentMethodOfPaymentCode	Payment terms for transportation charges	ANSI ASC X12 146	(ANSI-ASC-X12-146)
ShipmentQualifierCode	Code defining the relationship of this shipment with respect to other shipments given to the carrier at the same time	ASC X12 147	(ASC-X12-147)
ShipmentStatusCode	Code specifying the status or progress of shipments	UN/CEFACT Recommendation 24	(UN-Rec-24)
ShipmentStatusReasonCode	Code specifying the reason for a status of shipment	UN/CEFACT Recommendation 24	(UN-Rec-24)
SpecialCommodityIndicatorCode	Indication of a special commodity notation on operational waybill as identified by the Transportation of Dangerous Goods Act and Regulation (TDG)	ANSI ASC X12 986	(ANSI-ASC-X12-986)

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Element Name	Definition	Code List Name	Domain Value
SpecialFulfillmentRequestCode	A variety of conditional requirements, particularly related to shipment, for example; "No Substitutes", "Restricted to U.S. and Canadian Sources", "Fill or kill", "Equal Product Allowed".	RosettaNet Global Special Fulfillment Request Code	(RosettaNetGlobalSpecialFulfillmentRequestCode)
SpecialServicesCode	Code list describing the type of special service being charged	ASC X12 150	(ASC-X12-150)
StandardCarrierAlphaCode	An abbreviation or mnemonic for a carrier assigned by the National Motor Freight Traffic Association, Inc.	SCAC-STAC, NMF 101 Series	(SCAC)
SubsidiaryRiskIndicatorCode	Code identifying the type of secondary or consequential risk to handling a given product	ANSI ASC X12 271	(ANSI-ASC-X12-271)
TaxTypeCode	The category of tax being levied or paid for a transaction or other economic event	ANSI ASC X12 963	(ANSI-ASC-X12-963)
TransportMethodCode	Method of transportation used for the shipment	UN/CEFACT Recommendation 19	(UN-Rec-19)
UnitOfMeasureCode	A code identifying the units in which measurement is expressed	UN/CEFACT Recommendation 20 (Common Code)	(UN-Rec-20)
UnitedNationsHazardousMaterialCode	The hazardous material code to comply with the International Maritime Organization Regulations	Bureau of Explosives Tariff No BOE6000	(BOE-6000)
UnitedNationsNorthAmericaCode	Code identifying the hazardous material identification number as required by Title 9 of the code of Federal regulations; UN.NA stands for United Nations/North America	ASC X12 277	(ASC-X12-277)
WasteCharacteristicsCode	Waste characteristics as defined by the US Environmental Protection Agency regulatory requirements	ANSI ASC X12 807	(ANSI-ASC-X12-807)

Agencies with Code Lists Referenced in Chem eStandards v4.0

- AAR's Bureau of Explosives (part of AAR), <http://www.aar.org>
- ANSI ASC X12, <http://www.x12.org>
- International Maritime Organization, <http://www.imo.org>
- ISO, <http://www.iso.ch>
- NMFTA (SCAC), <http://www.nmfta.org>
- RosettaNet, <http://www.rosettanet.org>
- UN/CEFACT, <http://www.unece.org/cefact>