Chemical Data Reporting (CDR) Schema Guide – Primary Form U

Environmental Protection Agency

Office of Pollution Prevention and Toxics

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1 Introduction

1.1 Overview

This document presents the extensible markup language (XML) schema guide for the Office of Pollution Prevention and Toxics' (OPPT) e-CDRweb tool. e-CDRweb is the electronic, web-based tool provided by Environmental Protection Agency (EPA) for the submission of Chemical Data Reporting (CDR) information. This document provides the user with tips and guidance on correctly using the version 2.0 XML schema. Please note that the order of elements must match the schema.

For questions concerning the TSCA e-CDRweb XML requirements, please contact the Central Data Exchange (CDX) Help Desk at helpdesk@epacdx.net or call 1-888-890-1995 between the hours of 8am – 6pm EST.

2 Using the XML Schema (Version 2.0)

2.1 Authorized Official

The Authorized Official information is pulled from CDX registration and populated into the application. The Authorized Official section is made up of a single element: UserId.

DO:

- Enter information in the XML file for Authorized Official. A valid CDR XML file must contain this information; however, the form will pull this information directly from the data entered during CDX registration. Please note that any information entered in the XML for this section will be overwritten by the information in CDX. To change the information that will display on the submission, you will need to update it in CDX.

2.2 Organization Identity

The Organization Identity section is made up of the following elements:

- OrganizationFormalName
- DunBradstreetNumber
- MailingAddress – See **Section 2.4.1**

DO:

- The 'DunBradstreetNumber,' if specified, must be 11 characters long and must be entered in the following format: XX-XXX-XXXX.

OPTIONAL:

- DunBradstreetNumber is optional.

2.3 Facility Site Identity

The Facility Site Identity information is pulled from CDX registration and is dependent upon which site you have chosen from the '2016 CDR Form U' screen. This information is auto-populated into the application.

DO:

- Manually enter the Dun & Bradstreet number and County/Parish within the application on the 'Section 1.A – Parent Company Information' screen, not the XML.
- Enter information in the XML file for Facility Site Identity. A valid CDR XML file must contain this information; however, this information is pulled directly from the information selected or entered through Facility Registry Services (FRS) in CDX registration. Any information entered in the XML for this section will be overwritten by the information selected or entered in CDX. To change this information, you will need to update it in CDX.

2.4 Technical Contact List

The Technical Contact section is made up of the following elements and contains a list of one or more Technical Contacts:

- TechnicalContactId

- DefaultContact
- ElectronicAddressText
- TelephoneNumberText
- MailingAddress – See **Section 2.4.1**
- IndividualTitleText
- FirstName
- LastName
- MiddleInitial
- NameSuffixText
- TechnicalContactCompanyName

DO:
- Put a valid integer for 'TechnicalContactId.' This will be used to associate a technical contact to a chemical report.
- Put either 'true' or 'false' for DefaultContact. This will be used to set the default contact for the report.

OPTIONAL:
- 'MiddleInitial' is optional.
- 'NameSuffixText' is optional.
- 'IndividualTitleText' is optional.

2.4.1   Mailing Address

The Mailing Address element consists of the following elements:

- MailingAddressText
- SupplementalAddressText
- MailingAddressCityName
- CDRStateCode (if U.S. address)
- CountyCode (if U.S. address)
- ProvinceName (if non-U.S. address)
- AddressPostalCode
- CDRCountryCode

DO:
- 'CDRCountryCode' should be a two-letter country code (example: 'US').
- 'CDRStateCode' should be a two letter state code (example: 'VA').

DO NOT:
- Do not enter both state code/county code and province name.

OPTIONAL:

- All fields within 'MailingAddress' are optional.

2.5   Chemical Report List

The Chemical Report List section contains a list of one or more chemical reports. Each chemical report consists of the following sections: Chemical Substance Identity, Technical Contact ID, Manufacturing Information, Consumer and Commercial Use List, and Industrial Use List.

2.5.1   Chemical Substance Identity

The Chemical Substance Identity data type consists of the following elements:

- CbiIndicator
- **CbiSubstantiations** – See **Section 2.8** for more information on confidential business information (CBI)
- ChemicalIdentifier
- ChemicalIdentifierContext
- ChemicalName

DO:

- Use 'true' or 'false' for 'CbiIndicator.'
- 'ChemicalIdentifierContext' should be either 'CAS' or 'Accession.'

DO NOT:

- Do not put more than 255 characters into 'ChemicalIdentifier.'
- Do not put more than 4000 characters into 'ChemicalName.'

OPTIONAL:

- Dashes are optional when entering a Chemical Abstracts Service Registry Number (CASRN) for a chemical.
- CBI substantiation is optional for all CBI elements. Note that if CbiIndicator is 'true,' then the substantiation must be entered in the application if not specified in the XML.

2.5.2   Technical Contact ID

The Technical Contact ID is used to associate a technical contact with a chemical report.

DO:

- Use a 'TechnicalContactID' from the technical contact list.

2.5.3   Manufacturing Information

The Manufacturing Information data type consists of the following elements (an asterisk denotes a field that can be claimed CBI):

- CompanyIdentificationCbi
  - CbiIndicator

CDX

- SiteIdentificationCbi
  - CbiIndicator
- TechnicalContactCbi
  - CbiIndicator
- NumberWorkers *
- MaxConcentration *
- ChemicalRecycledIndicator *
- ReportCYProductionVolume – See **Section 2.5.3.1**
- ReportPhysicalForms – See **Section 2.5.3.1**
- ReportPastProductionVolumes – See **Section 2.5.3.1**

DO:

- Use 'true' or 'false' for 'CbiIndicator.'
- Enclose 'ReportPhysicalForm' elements within a 'ReportPhysicalForms' element.

OPTIONAL:

- CBI substantiation is optional for all CBI elements. Note that if CbiIndicator is 'true,' then the substantiation must be entered in the application if not specified in the XML.

2.5.3.1   Report Principle Reporting Year Production Volume

The 2016 principle reporting year production volume data type consists of the following elements (an asterisk denotes a field that can be claimed CBI) that can be reported for 2015:

- ActivityManufactureIndicator *
- ActivityImportIndicator *
- DomesticallyManufacturedPounds *
- ImportedPounds *
- ImportedNeverAtSiteIndicator *
- VolumeUsedPounds *
- VolumeExportedPounds *

DO:

- Use 'true' or 'false' for the values of 'ActivityManufactureIndicator' and/or 'ActivityImportIndicator.'
- Use numbers (integers) for the values of 'DomesticallyManufacturedPounds,' 'ImportedPounds,' 'VolumeUsedPounds,' and 'VolumeExportedPounds.'

OPTIONAL:

- CBI substantiation is optional for all CBI elements. Note that if CbiIndicator is 'true,' then the substantiation must be entered in the application if not specified in the XML.

2.5.3.2   Report Physical Form

The report physical form data type consists of the following elements (an asterisk denotes a field that can be claimed as CBI):

- FormType *
- ProductionVolumePercent *

DO:

- The value of 'FormType' should be one of the following:
  - 'DryPowder'
  - 'PelletsLargeCrystals'
  - 'WetSolid'
  - 'OtherSolid'
  - 'GasVapor'
  - 'Liquid'
  - 'Unknown'
- Use a number (integer) for 'ProductionVolumePercent.'

OPTIONAL:

- CBI substantiation is optional for all CBI elements. Note that if CbiIndicator is 'true,' then the substantiation must be entered in the application if not specified in the XML.

2.5.3.3   Report Past Production Volume

The Report Past Production Volume data type consists of the following elements (an asterisk denotes a field that can be claimed CBI):

- Year
- ProductionVolumePounds *

DO:

- Use a year in XXXX format where X is a digit.
- The valid year value for a 2012 primary form is '2010.'
- Valid values for a for a 2016 primary form are '2012,' '2013,' and '2014.'

OPTIONAL:

- CBI substantiation is optional for all CBI elements. Note that if CbiIndicator is 'true,' then the substantiation must be entered in the application if not specified in the XML.

2.5.4   Consumer and Commercial Use List

The Consumer and Commercial Use List data type consists of the following elements (an asterisk denotes a field that can be claimed CBI):

- ProductCategory *

- Description
- ConsumerCommercialOption *
- UsedInChildrenProducts *
- PercentProductionVolume *
- MaxConcentration *
- NumberCommercialWorkers *

DO:

- The value of 'ProductCategory' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):
  - 'C101'
  - 'C102'
  - 'C103'
  - 'C104'
  - 'C105'
  - 'C106'
  - 'C107'
  - 'C108'
  - 'C109'
  - 'C110'
  - 'C201'
  - 'C202'
  - 'C203'
  - 'C204'
  - 'C205'
  - 'C206'
  - 'C207'
  - 'C301'
  - 'C302'
  - 'C303'
  - 'C304'
  - 'C305'
  - 'C306'
  - 'C307'

- – 'C401'
- – 'C402'
- – 'C403'
- – 'C404'
- – 'C405'
- – 'C406'
- – 'C407'
- – 'C980'
- – 'C909'
- – 'NKRA'

- The value of 'ConsumerCommercialOption' should be one of the following:
  - – 'Consumer'
  - – 'Commercial'
  - – 'Both'
  - – 'NKRA'

- The value of 'UsedInChildrenProducts' should be one of the following:
  - – 'Yes'
  - – 'No'
  - – 'NKRA'

- Use numbers (integers) for the value of 'PercentProductionVolume.'

- The value of 'MaxConcentration' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):
  - – 'M1'
  - – 'M2'
  - – 'M3'
  - – 'M4'
  - – 'M5'
  - – 'NKRA'

- The value of 'NumberCommercialWorkers' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):
  - – 'W1'
  - – 'W2'

– 'W3'

– 'W4'

– 'W5'

– 'W6'

– 'W7'

– 'W8'

– 'NKRA'

OPTIONAL:

- CBI substantiation is optional for all CBI elements. Note that if CbiIndicator is 'true,' then the substantiation must be entered in the application if not specified in the XML.

- The 'ProductCategory' description is required when 'C909' [Other (Specify)] is chosen. If it is not included in the XML, it must be populated in the application before submission.

2.5.5   Industrial Use List

The Industrial Use List data type consists of the following elements (an asterisk denotes a field that can be claimed CBI):

- TypeOfProcessUse *

- SectorOfUse *

  – Description

- IndustrialFunctionCategory *

  – Description

- PercentProductionVolume *

- NumberSites *

- NumberIndustrialWorkers *

DO:

- The value of 'TypeOfProcessUse' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):

  – 'PC'

  – 'PF'

  – 'PA'

  – 'PK'

  – 'U'

  – 'NKRA'

- The value of 'SectorOfUse' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):

- 'IS1'
- 'IS2'
- 'IS3'
- 'IS4'
- 'IS5'
- 'IS6'
- 'IS7'
- 'IS8'
- 'IS9'
- 'IS10'
- 'IS11'
- 'IS12'
- 'IS13'
- 'IS14'
- 'IS15'
- 'IS16'
- 'IS17'
- 'IS18'
- 'IS19'
- 'IS20'
- 'IS21'
- 'IS22'
- 'IS23'
- 'IS24'
- 'IS25'
- 'IS26'
- 'IS27'
- 'IS28'
- 'IS29'
- 'IS30'
- 'IS31'
- 'IS32'

- ' IS33'
- ' IS34'
- ' IS35'
- ' IS36'
- ' IS37'
- ' IS38'
- ' IS39'
- ' IS40'
- ' IS41'
- ' IS42'
- ' IS43'
- ' IS44'
- ' IS45'
- ' IS46'
- ' IS47'
- ' IS48'
- ' NKRA'

- The value of 'IndustrialFunctionCategory' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):
  - 'U001'
  - 'U002'
  - 'U003'
  - 'U004'
  - 'U005'
  - 'U006'
  - 'U007'
  - 'U008'
  - 'U009'
  - 'U010'
  - 'U011'
  - 'U012'
  - 'U013'

- ‘U014’
- ‘U015’
- ‘U016’
- ‘U017’
- ‘U018’
- ‘U019’
- ‘U020’
- ‘U021’
- ‘U022’
- ‘U023’
- ‘U024’
- ‘U025’
- ‘U026’
- ‘U027’
- ‘U028’
- ‘U029’
- ‘U030’
- ‘U031’
- ‘U032’
- ‘U033’
- ‘U034’
- ‘U999’
- ‘NKRA’

- Use integers for the value of ‘PercentProductionVolume.’

- The value of ‘NumberSites’ should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):
  - ‘S1’
  - ‘S2’
  - ‘S3’
  - ‘S4’
  - ‘S5’
  - ‘S6’
  - ‘S7’

– 'NKRA'

- The value of 'NumberIndustrialWorkers' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):

  – 'W1'

  – 'W2'

  – 'W3'

  – 'W4'

  – 'W5'

  – 'W6'

  – 'W7'

  – 'W8'

  – 'NKRA'

OPTIONAL:

- The description of 'IndustrialFunctionCategory' is required when 'U999' [Other (Specify)] is chosen. If it is not included in the XML, it must be populated in the application before submission.
- CBI substantiation is optional for all CBI elements. Note that if CbiIndicator is 'true,' then the substantiation must be entered in the application if not specified in the XML.

2.6   Joint Submission Report List

The Joint Submission Report List section contains a list of one or more joint submission reports. Each joint submission report consists of the following sections: Joint Submission Information, Technical Contact ID, Manufacturing Information, Consumer and Commercial Use List, and Industrial Use List.

2.6.1   Joint Submission Information

The Joint Submission Information data type consists of the following elements:

- TradeProductName
- OtherInformation
- UniqueIdJoint
- OrganizationIdentity – see **Section 2.6.1.1**

DO NOT:

- Do not put more than 4000 characters into 'OtherInformation.'

OPTIONAL:

- The 'UniqueIdJoint' is optional.

2.6.1.1   Organization Identity

The Organization Identity data type consists of the following elements:

- OrganizationFormalName
- DunBradstreetNumber
- MailingAddress – See **Section 2.4.1**

DO:

- 'DunBradstreetNumber,' if specified, must be 11 characters long.

OPTIONAL:

- DunBradstreetNumber is optional.

2.6.2   Technical Contact ID

The Technical Contact ID is used to associate a technical contact with a joint submission report.

DO:

- Use a 'TechnicalContactID' from the technical contact list.

2.6.3   Manufacturing Information

The Manufacturing Information data type consists of the following elements (an asterisk denotes a field that can be claimed CBI):

- CompanyIdentificationCbi
  - CbiIndicator
- SiteIdentificationCbi
  - CbiIndicator
- TechnicalContactCbi
  - CbiIndicator
- NumberWorkers *
- MaxConcentration *
- ChemicalRecycledIndicator *
- ReportCYProductionVolume – See **Section 2.6.3.1**
- ReportPhysicalForms – See **Section 2.6.3.1**
- ReportPastProductionVolumes – See **Section 2.6.3.1**

DO:

- Use 'true' or 'false' for 'CbiIndicator.'
- Enclose 'ReportPhysicalForm' elements within a 'ReportPhysicalForms' element.

OPTIONAL:

- CBI substantiation is optional for all CBI elements. Note that if CbiIndicator is 'true,' then the substantiation must be entered in the application if not specified in the XML.

2.6.3.1   Report Principle Reporting Year Production Volume

The 2016 principle reporting year production volume data type consists of the following elements (an asterisk denotes a field that can be claimed CBI) that can be reported for 2015:

- ActivityManufactureIndicator *
- ActivityImportIndicator *
- DomesticallyManufacturedPounds *
- ImportedPounds *
- ImportedNeverAtSiteIndicator *
- VolumeUsedPounds *
- VolumeExportedPounds *

DO:

- Use 'true' or 'false' for the values of 'ActivityManufactureIndicator' and/or 'ActivityImportIndicator.'
- Use numbers integers for the values of 'DomesticallyManufacturedPounds,' 'ImportedPounds,' 'VolumeUsedPounds,' and 'VolumeExportedPounds.'

OPTIONAL:

- CBI substantiation is optional for all CBI elements. Note that if CbiIndicator is 'true,' then the substantiation must be entered in the application if not specified in the XML.

2.6.3.2   Report Physical Form

The report physical form data type consists of the following elements (an asterisk denotes a field that can be claimed CBI):

- FormType *
- ProductionVolumePercent *

DO:

- The value of 'FormType' should be one of the following:
  - 'DryPowder'
  - 'PelletsLargeCrystals'
  - 'WetSolid'
  - 'OtherSolid'
  - 'GasVapor'
  - 'Liquid'
  - 'Unknown'

   – Use a number (integer) for 'ProductionVolumePercent.'

OPTIONAL:

- CBI substantiation is optional for all CBI elements. Note that if CbiIndicator is 'true,' then the substantiation must be entered in the application if not specified in the XML.

2.6.3.3   Report Past Production Volume

The Report Past Production Volume data type consists of the following elements (an asterisk denotes a field that can be claimed CBI):

- Year
- ProductionVolumePounds *

DO:

- Use a year in XXXX format where X is a digit.
- The valid year value for a 2012 primary form is '2010.'
- Valid values for a for a 2016 primary form are '2012,' '2013,' and '2014.'

OPTIONAL:

- CBI substantiation is optional for all CBI elements. Note that if CbiIndicator is 'true,' then the substantiation must be entered in the application if not specified in the XML.

2.6.4   Consumer and Commercial Use List

The Consumer and Commercial Use List data type consists of the following elements (an asterisk denotes a field that can be claimed CBI):

- ProductCategory *
  - Description
- ConsumerCommercialOption *
- UsedInChildrenProducts *
- PercentProductionVolume *
- MaxConcentration *
- NumberCommercialWorkers *

DO:

- The value of 'ProductCategory' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):
  - 'C101'
  - 'C102'
  - 'C103'
  - 'C104'
  - 'C105'

- – 'C106'
- – 'C107'
- – 'C108'
- – 'C109'
- – 'C110'
- – 'C201'
- – 'C202'
- – 'C203'
- – 'C204'
- – 'C205'
- – 'C206'
- – 'C207'
- – 'C301'
- – 'C302'
- – 'C303'
- – 'C304'
- – 'C305'
- – 'C306'
- – 'C307'
- – 'C401'
- – 'C402'
- – 'C403'
- – 'C404'
- – 'C405'
- – 'C406'
- – 'C407'
- – 'C980'
- – 'C909'
- – 'NKRA'
- The value of 'ConsumerCommercialOption' should be one of the following:
  - – 'Consumer'
  - – 'Commercial'

- – 'Both'
- – 'NKRA'

- The value of 'UsedInChildrenProducts' should be one of the following:
  - – 'Yes'
  - – 'No'
  - – 'NKRA'

- Use numbers integers for the value of 'PercentProductionVolume.'

- The value of 'MaxConcentration' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):
  - – 'M1'
  - – 'M2'
  - – 'M3'
  - – 'M4'
  - – 'M5'
  - – 'NKRA'

- The value of 'NumberCommercialWorkers' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):
  - – 'W1'
  - – 'W2'
  - – 'W3'
  - – 'W4'
  - – 'W5'
  - – 'W6'
  - – 'W7'
  - – 'W8'
  - – 'NKRA'

OPTIONAL:

- CBI substantiation is optional for all CBI elements. Note that if CbiIndicator is 'true,' then the substantiation must be entered in the application if not specified in the XML.
- The 'ProductCategory' description is required when 'C909' [Other (Specify)] is chosen. If it is not included in the XML, it must be populated in the application before submission.

2.6.5   Industrial Use List

The Industrial Use List data type consists of the following elements (an asterisk denotes a field that can be claimed CBI):

- TypeOfProcessUse *
- SectorOfUse *
  - Description
- IndustrialFunctionCategory *
  - Description
- PercentProductionVolume *
- NumberSites *
- NumberIndustrialWorkers *

<u>DO:</u>

- The value of 'TypeOfProcessUse' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):
  - 'PC'
  - 'PF'
  - 'PA'
  - 'PK'
  - 'U'
  - 'NKRA'

- The value of 'SectorOfUse' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):
  - 'IS1'
  - 'IS2'
  - 'IS3'
  - 'IS4'
  - 'IS5'
  - 'IS6'
  - 'IS7'
  - 'IS8'
  - 'IS9'
  - 'IS10'
  - 'IS11'

- – 'IS12'
- – 'IS13'
- – 'IS14'
- – 'IS15'
- – 'IS16'
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- – 'IS18'
- – 'IS19'
- – 'IS20'
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- – 'IS29'
- – 'IS30'
- – 'IS31'
- – 'IS32'
- – 'IS33'
- – 'IS34'
- – 'IS35'
- – 'IS36'
- – 'IS37'
- – 'IS38'
- – 'IS39'
- – 'IS40'
- – 'IS41'
- – 'IS42'
- – 'IS43'

- – 'IS44'

- – 'IS45'

- – 'IS46'

- – 'IS47'

- – 'IS48'

- – 'NKRA'

- The value of 'IndustrialFunctionCategory' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):

  - – 'U001'

  - – 'U002'

  - – 'U003'

  - – 'U004'

  - – 'U005'

  - – 'U006'

  - – 'U007'

  - – 'U008'

  - – 'U009'

  - – 'U010'

  - – 'U011'

  - – 'U012'

  - – 'U013'

  - – 'U014'

  - – 'U015'

  - – 'U016'

  - – 'U017'

  - – 'U018'

  - – 'U019'

  - – 'U020'

  - – 'U021'

  - – 'U022'

  - – 'U023'

  - – 'U024'

– 'U025'

– 'U026'

– 'U027'

– 'U028'

– 'U029'

– 'U030'

– 'U031'

– 'U032'

– 'U033'

– 'U034'

– 'U999'

– 'NKRA'

- Use numbers (integers) for the value of 'PercentProductionVolume.'

- The value of 'NumberSites' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):

  – 'S1'

  – 'S2'

  – 'S3'

  – 'S4'

  – 'S5'

  – 'S6'

  – 'S7'

  – 'NKRA'

- The value of 'NumberIndustrialWorkers' should be one of the following (please see the CDR final rule or the Instructions for the 2016 TSCA Chemical Data Reporting for code descriptions):

  – 'W1'

  – 'W2'

  – 'W3'

  – 'W4'

  – 'W5'

  – 'W6'

  – 'W7'

– 'W8'

– 'NKRA'

OPTIONAL:

- The description of 'IndustrialFunctionCategory' is required when 'U999' [Other (Specify)] is chosen. If it is not included in the XML, it must be populated in the application before submission.
- CBI substantiation is optional for all CBI elements. Note that if CbiIndicator is 'true,' then the substantiation must be entered in the application if not specified in the XML.

2.7   Late Submission Reason

The Late Submission Reason section documents the reason for a late submission. The Late Submission Reason section consists of a single element: 'ReasonText.'

DO NOT:

- Do not put more than 2000 characters into 'ReasonText.'

2.8   CBI Claims and Substantiation

This section describes claiming items as CBI using XML and providing substantiation via XML. Data that can be claimed as CBI has the following elements:

- CbiIndicator
- CbiSubstantiations – see **Section 2.8.1**

DO:

- Use 'true' or 'false' for 'CbiIndicator.'

2.8.1   CBI Substantiation

The substantiation data type has the following elements:

- SubstantiationTypeCode
- SubstantiationText
- SubstantiationAttachment **** DO NOT USE**

DO:

- SubstantiationTypeCode should be one of the following:
  - If claiming CBI on ChemicalSubstanceIdentity:
    - 'ChemicalId-CompetitiveAdvantage'
    - 'ChemicalId-LengthOfCbi'
    - 'ChemicalId-HasPatent'
    - 'ChemicalId-ExtentOfIdSecrecy'
    - 'ChemicalId-PublicNoticeForCommercialUse'
    - 'ChemicalId-MeasuresTakenForCbi'

- 'ChemicalId-OtherNoticeForCommericalUse'

- 'ChemicalId-LeaveSite'

- 'ChemicalId-AnalysisOfProduct'

- 'ChemicalId-PurposeOfChemical'

- 'ChemicalId-FederalCbiDetermination'

– If claiming CBI on SiteIdentification:

- 'Site-LinkedToAnyFederalReport'

- 'Site-CompetitiveAdvantage'

– If claiming CBI on any item in an IndustrialUse element or a ConsumerCommercialUse element:

- 'Use-PubliclyKnown'

- 'Use-CompetitiveAdvantage'

DO NOT:

- Providing attachments is not supported through eCDRweb's import XML feature. Do not use the 'SubstantiationAttachment' element.

![CDX logo]

Appendix A

Definitions, Acronyms, and Abbreviations

Acronym	Full Name
CASRN	Chemical Abstracts Service Registry Number
CBI	Confidential Business Information
CDR	Chemical Data Reporting
CDX	Central Data Exchange
EPA	Environmental Protection Agency
FRS	Facility Registry Services
OPPT	Office of Pollution Prevention and Toxics
XML	Extensible Markup Language