

2016 Chemical Data Reporting (CDR) Public Database Data Dictionary

Overview:

The following table lists the fields included in the 2016 CDR public database and is provided to aid users in interpreting and using the data. The fields in this table are listed alphabetically and come from four summary reports: Manufacturing Information (M), Consumer and Commercial Use (CC), Industrial Processing and Use (IP), and 2016 National Aggregate Production Volume (PV). These reports are generated from the public version of the 2016 CDR dataset, which is provided in both Microsoft Access and comma-separated value (CSV) files.

Due to reporting requirements, processing and use information is only relevant to activities in 2015. Note that consumer uses of a chemical substance or mixture include those where the substance or mixture is sold or made available to consumers for their use, whereas commercial uses include those in a commercial enterprise providing saleable goods or services. Production volume includes both domestically manufactured and imported volumes, and all quantities are reported in pounds. For indicators and ranges, the number in parentheses indicates the number of options available for reporters to choose from. To access the 2016 CDR data and additional user guides, visit the EPA CDR webpage at www.epa.gov/chemical-data-reporting.

Field Name	Tables	Definition
ACTIVITY	M, CC, IP	Indicates whether the chemical was domestically manufactured and/or imported
C_MAX_CONCENTRATION	CC	Range: maximum concentration by weight – consumer/commercial uses only (6)
C_NUM_WORKERS	CC	Range: number of workers reasonably likely to be exposed – consumer/commercial uses only (9)
C_PCT_PROD_VOLUME	CC	Percent of production volume – consumer/commercial uses only
CHEMICAL_ID_NUMBER	M, CC, IP, PV	CASRN or Accession with dashes
CHEMICAL_NAME	M, CC, IP	Chemical Name
CHEMICAL_RECYCLED	M, CC, IP	Flag: is chemical being recycled, remanufactured, reprocessed, or reused?
CHILDREN_PRODUCTS	CC	Flag: used in children's products
CONS_COMM_OPTION	CC	Flag: consumer and/or commercial use
DOM_IMPORT	M, CC, IP	Total production volume (domestically manufactured + imported) for principal reporting year 2015
DOM_MFG_LB	M, CC, IP	Domestically manufactured volumes for principal reporting year 2015
FUNCTION_CATEGORY	IP	Indicator: industrial functional use (37)
I_NUM_WORKERS	IP	Range: number of workers reasonably likely to be exposed – industrial uses only (9)

Field Name	Tables	Definition
I_PCT_PROD_VOLUME	IP	Percent of production volume – industrial uses only
IMPORTED_LB	M, CC, IP	Imported volumes for principal reporting year 2015
IMPORTED_NEVER_AT_SITE	M, CC, IP	Flag: is the imported chemical never physically at the site?
MAX_CONCENTRATION	M, CC, IP	Range: maximum concentration by weight (6)
Nat_Agg_PPV_2012	M, CC, IP, PV	National aggregate production volume in 2012
Nat_Agg_PPV_2013	M, CC, IP, PV	National aggregate production volume in 2013
Nat_Agg_PPV_2014	M, CC, IP, PV	National aggregate production volume in 2014
Nat_Agg_PV	M, CC, IP, PV	National aggregate production volume for principal reporting year 2015
NUM_SITES	IP	Range: number of downstream sites – industrial uses only (8)
NUM_WORKERS	M, CC, IP	Range: number of workers reasonably likely to be exposed (9)
P_CDR_SUBMISSIONS_CONSOLIDATED_ID	M, CC, IP	Unique ID in Access tables/CSV files
PARENT_ADDRESS	M, CC, IP	Parent company address (line 1)
PARENT_CITY	M, CC, IP	Parent company city
PARENT_COMPANY_NAME	M, CC, IP	Standardized parent company name
PARENT_COUNTY	M, CC, IP	Parent company county
PARENT_STATE	M, CC, IP	Parent company state
PARENT_SUPPLEMENTAL_ADDRESS	M, CC, IP	Parent company address (line 2)
PARENT_ZIP	M, CC, IP	Parent company ZIP code
PHYSICAL_FORMS	M, CC, IP	Indicator: physical form(s) of chemical (7)
PPV_2012	M, CC, IP	Total production volume (domestically manufactured + imported) in 2012
PPV_2013	M, CC, IP	Total production volume (domestically manufactured + imported) in 2013
PPV_2014	M, CC, IP	Total production volume (domestically manufactured + imported) in 2014
PRODUCT_CATEGORY	CC	Indicator: consumer/commercial product category (34)
SECTOR	IP	Indicator: industrial sector (49)
SITE_ADDRESS	M, CC, IP	Site address (line 1)
SITE_CITY	M, CC, IP	Site city
SITE_COUNTY	M, CC, IP	Site county
SITE_NAME	M, CC, IP	Site name
SITE_STATE	M, CC, IP	Site state

Field Name	Tables	Definition
SITE_SUPPLEMENTAL_ADDRESS	M, CC, IP	Site address (line 2)
SITE_ZIP	M, CC, IP	Site ZIP code
STRIPPED_CHEMICAL_ID_NUMBER	M, CC, IP, PV	CASRN or Accession without dashes
SUBMITTER_FIRST_NAME	M, CC, IP	Submitter first name
SUBMITTER_LAST_NAME	M, CC, IP	Submitter last name
SUBMITTER_MIDDLE_INITIAL	M, CC, IP	Submitter middle initial
SUBMITTER_SUFFIX	M, CC, IP	Submitter suffix
SUBMITTER_TITLE	M, CC, IP	Submitter title
TYPE_PROCESS_USE	IP	Indicator: type of industrial use (7)
VOLUME_EXPORTED	M, CC, IP	Total production volume (domestically manufactured + imported) exported off-site in 2015
VOLUME_USED	M, CC, IP	Total production volume (domestically manufactured + imported) used on-site in 2015