

Environmental Information



EN2015

Integrating Substance Registry Services (SRS) into Systems and Online Reporting Forms & Facility

Registry Services (FRS) Overview

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<http://www.exchangenetwork.net/en2015>

ABSTRACT

The Substance Registry Services (SRS) is a catalog of the chemicals and other substances tracked at EPA, States, and Tribes.

SRS is a shared service that can improve data quality, discovery, and promote integration between systems.

Catalog of Substances

- www.epa.gov/srs
- Catalog or registry of chemicals and other substances tracked or regulated at EPA or other partners
 - SRS record for each substance
 - Scientific name (e.g., CAS name)
 - CAS number (for those chemicals with CAS numbers)
 - Synonyms
 - Regulations and systems relevant for the substance

SRS Search

U.S. ENVIRONMENTAL PROTECTION AGENCY

Substance Registry Services

Search: All EPA

You are here: [EPA Home](#) » [SoR Home](#) » [Substance Registry Services Home](#) » [Search and Retrieve](#) » Substance Search

Home | Search & Retrieve | Automated Services | Outreach & Education | Training

Substance Search | Search By List | Advanced Search | PMN & Accession Numbers

Substance Search

To search, you must select either a Synonym or a Substance Identifier. Choose additional search criteria to narrow your selection.

Search by Substance Information

Please enter a CAS Name, Biological Name, EPA Registry Name or other Synonym

Synonym

Contains Begins With Exact Match

Please enter a CAS Number, TSN, EPA Identifier, Internal Tracking Number, or Alternate Identifier

Substance Identifier

Narrow your Search by identifying whether the Substance is a Chemical, Biological Organism, Physical Property, Miscellaneous Object, or Not Known

Substance Type

Return Substance With Components Substance Without Components Both

[EPA Home](#) | [Accessibility](#) | [Privacy and Security Notice](#) | [FOIA](#) | [Contact Us](#)

http://ofmpub.epa.gov/sor_internet/registry/substreg/searchandretrieve/substancesearch/search.do
[Print As-Is](#)

Last updated on Thursday, July 23, 2015

Example SRS Record: Toluene

The screenshot displays the EPA Substance Registry Services (SRS) website. The browser address bar shows the URL: http://ofmpub.epa.gov/sor_internet/registry/substreg/searchandretrieve/subs. The page title is "U.S. ENVIRONMENTAL PROTECTION AGENCY Substance Registry Services". The search bar contains "All EPA" and "Go". The breadcrumb trail is: EPA Home > SoR Home > Substance Registry Services Home > Search and Retrieve > Substance Search. The navigation menu includes: Home, Search & Retrieve, Automated Services, Outreach & Education, Training, Substance Search, Search By List, Advanced Search, and PMN & Accession Numbers. The main heading is "Substance Details - Toluene". A button "Back to Substance Search Results" is visible. An "Export Substance Details (PDF)" link is present. The record details are as follows:

Core Metadata		
Substance Type	Chemical Substance	Internal Tracking Number: 25452
EPA Registry Name	Toluene	Substance Status: Approved
EPA Registry Name List	Chemical Identification	
Systematic Name	Benzene, methyl-	
Systematic Name List	Chemical Abstracts Index Name	
Preferred Acronym		
CAS Number	108-88-3	
EPA Identification Number		
Molecular Formula	C7H8	
Molecular Weight	92.14	
Definition		
Comment/Description		
Classifications		
Associated Identifiers		

Discovery: Synonyms and Sources

The screenshot shows a web browser window with the URL http://ofmpub.epa.gov/sor_internet/registry/substreg/searchandretrieve/subs. The page title is "Synonym" and the content includes a description of the table and a list of regulations. The table has columns for "Statutes/Regulations", "Synonym", "Synonym Quality", "Effective Date", and "End Date".

Synonym
Below are the EPA applications/systems, statutes/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance. To view more metadata about the specific Synonym, click on the Synonym.

Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
RCRA U Waste	Benzene, methyl-	Valid	11/25/1980	
CWA 307A	Toluene	Valid	07/30/1979	
RCRA Appendix VII	Toluene	Valid	05/19/1980	
TSCA 8D HSDR (a)	Toluene	Valid	10/04/1982	10/04/1992
CAA112(b) HON	Toluene	Valid		
SDWA NPDWR	Toluene	Valid		
CWA 311	Methylbenzene	Valid	03/13/1978	
TSCA 8A PAIR	Benzene, methyl-	Valid	07/22/1982	05/15/2002
TSCA Inv	Benzene, methyl-	Valid		
TTO	Toluene	Valid		
FIFRA-Inerts	Toluene	Valid		
RCRA U Waste	Toluene	Valid	11/25/1980	
CWA 311	Toluol	Valid	03/13/1978	
CAA112(b) HAP	Toluene	Valid		
CWA 311	Toluene	Valid	03/13/1978	
CWA Priority	Toluene	Valid	11/19/1982	
TSCA 8D HSDR (a)	Benzene, methyl-	Valid	10/04/1982	10/04/1992
SARA 110	Toluene	Valid	04/17/1987	
CERCLA	Toluene	Valid		
RCRA Appendix VIII	Benzene, methyl-	Valid		
CERCLA	Benzene, methyl-	Valid		
CWA 304B	Toluene	Valid		

Discovery: One-Stop for Health/Safety Info

The image shows a screenshot of the EPA website's 'Related References' section for Toluene. A blue arrow points from the 'NJ RTK Hazardous Substance Fact Sheet' link in the list to the right-hand side of the image, which displays the full fact sheet for Toluene.

Related References
Below are links to other sources of information about this chemical.

The following list includes links related to the selected chemical, or go to a site outside EPA. A link may be another site, see [SoR Disclaimer](#).

- [TSCATS Low Detail Report](#)
- [OSHA Chemical Sampling Information](#)
- [NIOSH International Chemical Safety Card](#)
- [OPPT Chemicals In the Environment: Chemical Summary](#)
- [IRIS QuickView](#)
- [OPPT Chemicals In the Environment: Fact Sheet](#)
- [NTP Long-Term Carcinogenicity Study Abstract](#)
- [NJ RTK Hazardous Substance Fact Sheet](#)
- [ChemID Plus Advanced Link](#)
- [NIOSH Criteria Document](#)
- [ATSDR Toxicological Profile](#)
- [ATSDR Minimum Risk Levels for Hazardous Substances](#)
- [ChemID Plus Link](#)
- [Office of Water: Current Drinking Water Standard](#)
- [FDA UNII URL](#)
- [Full IRIS Summary](#)
- [OSHA Sampling and Analytical Method](#)
- [Hazardous Air Pollutants Hazard Summary](#)
- [ATSDR ToxFAQs Fact Sheet](#)
- [TERA Toxicity Estimate - View Chemical Report](#)

[Back to Substance Search Results](#)

Right to Know Hazardous Substance Fact Sheet

Common Name: TOLUENE

Synonyms: Toluol; Methyl Benzene; Phenyl Methane
Chemical Name: Benzene, Methyl-
Date: August 1998 Revision: November 2007

CAS Number: 108-88-3
RTK Substance Number: 1866
DOT Number: UN 1294

Description and Use
Toluene is a colorless liquid with a sweet, strong odor. It is used as a solvent, in aviation gasoline, and in making chemicals, perfumes, medicines, dyes, explosives and detergents.

- ▶ **ODOR THRESHOLD = 2.5 ppm**
- ▶ Odor thresholds vary greatly. Do not rely on odor alone to determine potentially hazardous exposures.

Reasons for Citation
▶ Toluene is on the Right to Know Hazardous Substance List because it is cited by OSHA, ACGIH, DOT, NIOSH, DEP.

▶ Toluene can affect you when inhaled and by passing through the skin.

EMERGENCY RESPONDERS >>>> SEE BACK PAGE

Hazard Summary

Hazard Rating	NJDOH	NFPA
HEALTH	-	2
FLAMMABILITY	-	3
REACTIVITY	-	0

TERATOGEN
FLAMMABLE
POISONOUS GASES ARE PRODUCED IN FIRE
CONTAINERS MAY EXPLODE IN FIRE

Hazard Rating Key: 0=minimal; 1=slight; 2=moderate; 3=serious; 4=severe

Discovery: Substance Lists

The screenshot shows a web browser window displaying the EPA Substance Registry Services search page. The browser's address bar shows the URL: http://ofmpub.epa.gov/sor_internet/registry/substreg/searchandretrieve/searchbylist/search.do. The page title is "Substance Registry Services".

The left sidebar contains navigation links for "SoR Home", "Substance Registry Services Home", "Basic Information", "Frequent Questions/Help", "Login for EPA & Partners", "Link to Data Standards", "Registry of EPA Applications, Models and Databases (READ)", "Reusable Component Services (RCS)", "Data Element Registry Services (DERS)", "Terminology Services (TS)", "Facility Registry Services (FRS)", "Environmental Dataset Gateway (EDG)", and "SoR Home".

The main content area features a search bar with "Search:" and "All EPA" selected. Below the search bar is a navigation menu with "Home", "Search & Retrieve", "Automated Services", "Outreach & Education", and "Training". Under "Search & Retrieve", there are links for "Substance Search", "Search By List", "Advanced Search", and "PMN & Accession Numbers".

The "Search by List" section includes the following text: "To search, you must select a list name. Choose additional search criteria to narrow your selection. Then press the Search button."

List Information
Please select a list from the menu below. This may be an EPA application/system, statute/regulation, ad hoc, or other external list that contains substance data.
To select a list, enter a list name (or acronym), then click "Filter" to narrow the number of lists displayed below.

* List Name

After clicking "Filter", select the list you would like to search on by clicking it.

- 2016 CDR Partial Exempt (710) - 2016 CDR Partial Exempt
- ANSI (43) - American National Standards Institute
- AQS (663) - Air Quality System**
- ATF (223) - ATF - List of Explosive Chemicals
- ATSDR (558) - Agency for Toxic Substances and Disease Registry
- CA Index (77212) - Chemical Abstracts Index Name

Advanced Search Criteria

Synonym Please enter a CAS Name, Biological Name, EPA Registry Name or other Synonym

Contains Begins With Exact Match

Substance Identifier Please enter a CAS Number, TSN, or EPA Identifier

Substance Type Narrow your Search by identifying whether the Substance is a Chemical, Biological Organism, Physical Property, Miscellaneous Object, or Not Known

AQS List of Substances

The screenshot shows the EPA Substance Registry Services interface. The browser address bar displays the URL: http://ofmpub.epa.gov/sor_internet/registry/substreg/searchandretrieve/search. The page header includes the EPA logo and the text "U.S. ENVIRONMENTAL PROTECTION AGENCY". The main navigation bar features "Substance Registry Services" and a search input field with "Go" and "Share" buttons. Below the navigation bar, there are tabs for "Home", "Search & Retrieve", "Automated Services", "Outreach & Education", and "Training". The "Search & Retrieve" tab is active, showing "Substance Search" and "Search By List" options. The main content area is titled "List Substance Information" and displays "List Substances" with the following details: **List Name:** AQS - Air Quality System; **Synonym:** N/A; **Substance Identifier:** N/A; **Substance Type:** All; **Characteristics:** None; **Substances To Return:** Both Pending and Current Substances; **Alternate Identifier:** N/A; **Alternate Identifier Context:** N/A. It shows 970 results found, with the first page of 39 results displayed. The results table is as follows:

Synonym	Name Quality	Systematic Name	Registry Name	CAS	TSN	EPA ID	ITN
Acenaphthylene	Valid	Acenaphthylene	Acenaphthylene	208-96-8			40717
Acenaphthene	Valid	Acenaphthylene, 1,2-dihydro-	Acenaphthene	83-32-9			9555
Vinyl acetate	Valid	Acetic acid ethenyl ester	Vinyl acetate	108-05-4			24828
Ethyl acetate	Valid	Acetic acid ethyl ester	Ethyl acetate	141-78-6			38455
2,4-Dichlorophenoxyacetic acid methyl ester	Valid	Acetic acid, (2,4-dichlorophenoxy)-, methyl ester	2,4-D methyl ester	1928-38-7			94375
Butyl acetate	Valid	Acetic acid, butyl ester	n-Butyl acetate	123-86-4			33233
n-Propyl acetate	Valid	Acetic acid, propyl ester	Propyl acetate	109-60-4			25973

Web services: Promoting Data Quality

The screenshot shows a web browser window with the URL <http://www.exchangework.net/data-exchange/srs/>. The browser tabs include "US EPA One EPA Workplace", "Substance Registr...", and "ChemView | US Envir...". The website has a dark blue navigation menu on the left with options: Air, Cross-Program (highlighted), Health, Natural Resources, Waste, and Water. The main content area is titled "Substance Registry Services – SRS" and includes a breadcrumb trail: Home > Data Exchange > Cross-Program > Substance Registry Services – SRS. A "Support" link is visible in the top right. Below the title, there are two status boxes: "Version: 3.0 - Supported" and "Data Exchange Status: Flowing". A green button labeled "Download full package" is positioned to the right. The "Data Exchange Description" section contains two paragraphs of text. The "Contact" section lists John Harman at the EPA. The "Related Data Flows" section includes links for "Reusable Component Services". The "Other versions" section lists links for "Substance Registry Services – SRS 2.0" and "Substance Registry Services – SRS 1.0". The "Profiles and Progress" section includes a note about finding contact information. The browser status bar at the bottom right shows "100%".

Home > Data Exchange > Cross-Program > Substance Registry Services – SRS

Substance Registry Services – SRS

Support

Version: **3.0 - Supported** Data Exchange Status: **Flowing** [Download full package](#)

Data Exchange Description

The Substance Registry Services (SRS) is the U.S. Environmental Protection Agency's (EPA) central registry for information about regulated and monitored substances. The SRS provides a common basis for identification of chemicals, biological organisms, and other substances listed in environmental statutes and EPA data systems, as well as substances of interest from other sources, such as other Federal agencies or international organizations. States also may store their substance lists within the SRS. The SRS supports and conforms to EPA's Chemical Identification Data Standard and the EPA's Biological Identification Data Standard and is a component of the centralized System of Registries (SoR), which provides access to the Agency's core registry systems.

The SRS data exchange allows Partners to use web services to access data from the SRS. Single substance queries pull standardized information about a substance as well as the environmental statutes and data systems that track or regulate that substance and the synonym(s) used by those lists for the substance. Partners can also use the Solicit web service to pull single or multiple statutory or data system lists of substances from the SRS. Partners who register their substance lists on the SRS may also utilize the Submit web service for adding substances to those lists.

Version Notes

Contact

John Harman
U.S. Environmental Protection Agency
202.566.0748
harman.john[at]epa.gov

Related Data Flows

- Reusable Component Services

Other versions

- Substance Registry Services – SRS 2.0
- Substance Registry Services – SRS 1.0

Profiles and Progress

Click the map to find contact information for Exchange

Data Quality in Online Forms

PP Logged in as: JANEDOEOPPT, Primary

CSPP

SUBSTANCE REGISTRY SERVICES SEARCH

Enter the specific or partial, currently correct Chemical Abstracts (CA) Index name as listed on the TSCA Inventory **and/or** the exact corresponding Chemical Abstract Services Registry Number (CASRN) for each reportable chemical substance at your site. Click Search and select the appropriate CA Index name/ CASRN combination from EPA's Substance Registry Services (SRS).

Please search by CASRN or CA Index Name

1. CASRN: Matches exactly

2. CA Index Name or Other Synonym: Contains Mercury

OR

Enter the specific or partial, currently correct Accession Number as listed on the TSCA Inventory **and/or** the exact or partial corresponding Generic Name for each reportable chemical substance at your site. Click Search and select the appropriate Accession Number/ Generic Name combination from EPA's Substance Registry Services (SRS).

Please search by Accession Number and/or Generic Name

1. Accession Number: Begins with

2. Generic Name: Begins with

PP Logged in as: JANEDOEOPPT, Primary

2. Generic Name: Begins with

SRS Homepage

Select the appropriate chemical name and identifying number for the reportable chemical substance at your site from the list below. The following chemicals have been filtered to ensure CDR system compatibility.

Systematic Name	Registry Name	CASRN	EPA Identifier
<input type="radio"/> Mercury, isotope of mass 199m(42.6 min)	Mercury-199m	378782-18-4	
<input type="radio"/> Mercury, isotope of mass 197m(23.8 h)	Mercury-197m	378782-08-2	
<input type="radio"/> Mercury, isotope of mass 195m(41.6 h)	Mercury-195m	378782-05-9	
<input type="radio"/> Mercury, isotope of mass 193m(11.8 h)	Mercury-193m	378782-04-8	
<input type="radio"/> Mercury, isotope of mass 195	Mercury-195	15756-15-7	
<input type="radio"/> Mercury, isotope of mass 193	Mercury-193	15116-82-2	
<input type="radio"/> Mercury, isotope of mass 194	Mercury-194	15064-97-8	
<input type="radio"/> Mercury, isotope of mass 203	Mercury-203	13982-78-0	
<input type="radio"/> Mercury, isotope of mass 197	Mercury-197	13981-51-6	
<input type="radio"/> Mercury chloride (HgCl ₂)	Mercuric chloride	7487-94-7	
<input type="radio"/> Mercury	Mercury	7439-97-6	
<input type="radio"/> Mercury, (acetato-kappa.O)(4-aminophenyl)-	Mercury, (acetato-kappa.O)(4-aminophenyl)-	6283-24-5	
<input type="radio"/> Mercury bromide (HgBr ₂)		7789-47-1	
<input type="radio"/> Mercury fluoride (HgF ₂)	Mercury fluoride (HgF ₂)	7783-39-3	
<input type="radio"/> Mercurate(2-), tetraiodo-, potassium (1,2), (T-	Potassium mercuric iodide	7783-	

Helping Industry Report

TRI-MEweb Application - Windows Internet Explorer

Logged in as: VPEDDINI, TEST ORG

Welcome My Facilities Prepare Validate Transmit Review Certify eFDP CDX Helpdesk Chat

Select Year | Select Facility | Forms | Chemical Info | On-site Release/Disposal | On-site Waste Mgmt | Off-site Transfer | Source Reduction/Recycling | Misc Info | Summary

Add New Chemical Forms ABC INDUSTRIES INC. (DBA ABC ENGRAVERS) WINONA LAKE, IN 46594BCND51QUEE Reporting Year 2014

Type all or part of a chemical name and/or CAS No. in the fields provided and then click **Search**. Double-click on a chemical in the search results window to add it to your list of new forms to create. When you're finished creating your list of new forms, click **Next**. TRI-MEweb provides a separate page that enables you to [create a form for a Generic Chemical Name Provided by Supplier](#) (as provided in Form R, Part II, Section 2.1).

Chemical Name:

and/or

CAS Number:

Include chemical synonyms in your search

Search

Need help? Use the link(s) provided in the blue Help Area to the right.

RY 2014 Chemicals 1 - 10 of 621.

- 1,1,1,2-Tetrachloro-2-fluoroethane (354-11-0)
- 1,1,1-Trichloroethane (71-55-6)
- 1,1,2,2-Tetrachloro-1-fluoroethane (354-14-3)
- 1,1,2,2-Tetrachloroethane (79-34-5)
- 1,1,2-Trichloroethane (79-00-5)
- 1,1-Dichloro-1,2,2,3,3-pentafluoropropane (13474-00-9)
- 1,1-Dichloro-1,2,2-trifluoroethane (812-04-4)
- 1,1-Dichloro-1,2,3,3,3-pentafluoropropane (111512-56-2)
- 1,1-Dichloro-1-fluoroethane (1717-00-6)
- 1,1-Dimethyl hydrazine (57-14-7)

Chemicals to add:

Helpful Links: USEPA Home | TRI Program Home | Reporting Forms and Instructions (PDF) | TRI-MEweb Version RY2013.02



TRI-MEweb Application - Windows Internet Explorer

Logged in as: VPEDDINI, TEST ORG

Welcome My Facilities Prepare Validate Transmit Review Certify eFDP CDX Helpdesk Chat

Select Year | Select Facility | Forms | Chemical Info | On-site Release/Disposal | On-site Waste Mgmt | Off-site Transfer | Source Reduction/Recycling | Misc Info | Summary

Add New Chemical Forms ABC Industries Inc. (DBA ABC Engravers) Winona Lake, TX 75201WRKRPH2492H Reporting Year 2014

Type all or part of a chemical name and/or CAS No. in the fields provided and then click **Search**. Double-click on a chemical in the search results window to add it to your list of new forms to create. When you're finished creating your list of new forms, click **Next**. TRI-MEweb provides a separate page that enables you to [create a form for a Generic Chemical Name Provided by Supplier](#) (as provided in Form R, Part II, Section 2.1).

Chemical Name:

and/or

CAS Number:

Include chemical synonyms in your search

Search

Need help? Use the link(s) provided in the blue Help Area to the right.

2014 Reporting Year Chemicals 1 - 4 of 4.

- 1,4-Dioxane (123-91-1)
- Bis(tributyltin) oxide (56-35-9)
- Fenbutatin oxide (13356-08-6)
- Paraldehyde (123-63-7)

Chemicals to add:

Helpful Links: USEPA Home | TRI Program Home | Reporting Forms and Instructions (PDF) | TRI-MEweb Version RY2013.02

Improving Search in ChemView

The screenshot displays the EPA ChemView search interface. At the top, the EPA logo and navigation links are visible. The main content area is titled "Pollution Prevention and Toxics" and "ChemView". It provides instructions on how to use the database and offers links for learning more, reading the user guide, and providing feedback. The search interface includes a search bar, a "Show 10 entries" dropdown, and a "Showing 0 to 0 of 0 entries" message. The search criteria section allows users to select search criteria and desired output selections. The search results section shows a list of chemical names and identifiers, with "10325-94-7 : Cadmium nitrate" selected. The output categories section lists "Data Submitted to EPA", "EPA Assessments", and "EPA Actions".

EPA United States Environmental Protection Agency

Advanced Search A-Z Index

LEARN THE ISSUES SCIENCE & TECHNOLOGY LAWS & REGULATIONS ABOUT EPA

Pollution Prevention and Toxics

You are here: EPA Home » Chemical Safety and Pollution Prevention » Pollution Prevention and Toxics » Existing Chemicals » ChemView Introduction » ChemView

ChemView

Use this database to get information on chemical health and safety data received by EPA and EPA's assessments and regulatory actions for specific chemicals under the Toxic Substances Control Act (TSCA). ChemView contains no confidential business information (CBI).

If you do not receive results for a particular chemical, it does not mean EPA does not have information on that chemical; the data may not be posted yet but will be available in the future as EPA continues to populate the database.

- Learn more and find additional information about EPA's efforts to manage existing chemicals
- Read the ChemView User's Guide and Web Service Information
- To continuously improve ChemView, Contact Us with your feedback or take a Survey. [New!](#)

Data last updated on 10/9/2014

[E-mail Us](#) [Print](#) [Help](#) [Export](#)

Search:

[First](#) [Previous](#) [Next](#) [Last](#)

CHEMICALS [ENDPOINTS](#) [CAS/REG/NO](#) [OTHER SOURCES](#)

Select Search Criteria:

Select Chemical Search Criteria and desired Output Selections.

[Generate Results](#) [Export Results](#) [Clear All Entries](#)

Chemical Information

[Clear Chemical Information](#)

[starts with](#) [exact](#) [contains](#)

Chemical name or Chemical Identifier

- 10325-94-7 : Cadmium nitrate
- 10325-94-7 : Cadmium nitrate
- 10468-20-1 : Cadmium oleate
- 1306-19-0 : Cadmium(II) oxide
- 1306-19-0 : Cadmium(II) oxide
- 1306-19-0 : Cadmium oxide (CdO)
- 1306-19-0 : Cadmium oxide
- 1204-10-0 : Cadmium fume

Chemical Category

Select a chemical category

Effects/Endpoints

Select a chemical endpoint

Output Categories:

Data Submitted to EPA:
These are the studies submitted by industry

EPA Assessments:
These reflect EPA evaluations

EPA Actions:
These are regulatory or non-regulatory actions based on an assessment of the chemical. The assessment is based on data and/or an analog of the chemical

New Look, New Info

The screenshot displays the EPA's Chemical and Substance Resources website. At the top, there is a navigation bar with links for "Learn the Issues", "Science & Technology", "Laws & Regulations", and "About EPA", along with a search bar for "Search EPA.gov". The main heading is "Chemical and Substance Resources".

The primary search area is titled "Find a Substance" and includes two search methods:

- Search by Substance Name:** A text input field with the instruction "(Enter a Substance Name ex: Chemical Name, Biological Name, etc.)". Below it are radio buttons for "Contains", "Begins", and "Exact".
- Search by Substance Identifier:** A text input field with the instruction "(Enter a Substance Identifier ex: CAS Number, TSN, etc.)".

Buttons for "Search" and "Cancel" are located below the input fields. Below the search area are links for "Advanced Search", "Search by List", and "Search by PMN & Accession Numbers".

To the right of the search area is a "Substance Registry Services" section with links for "About SRS" and "References". Below that is a "Technical Resources" section with a "Keywords:" search box and a "Resource Types:" dropdown menu containing "REST Web Service", "SOAP Web Service", "Scientific Models", "System", and "Technical Document". A "Search" button and a link for "SRS Automated Services" are also present.

The main content area features a heading "To learn more, click the images below to see additional information about each section." and four categories:

- Health Information:** Includes a photo of a person using a stethoscope and a list of links: "Integrated Risk Information System (IRIS)", "Link 1", "Link 2", and "More Health Information Resources".
- Popular Resources:** Includes a photo of a magnifying glass over a document and a list of links: "Envirofacts", "ECHO", "MyEnvironment", and "More Popular Resources".
- Scientific Information:** Includes a photo of a ball-and-stick molecular model.
- Business and Industry Information:** Includes a photo of a city skyline.

At the bottom right, there is a "MyEnvironment" section featuring a map of the Washington, DC area with a "Map Contents" dropdown menu.

Making Health Info More Prominent

SRS_Chemical_Resource_Directory_Mockups_05132015.docx [Read-Only] [Compatibility Mode] - Word

FILE HOME INSERT DESIGN PAGE LAYOUT REFERENCES MAILINGS REVIEW VIEW ACROBAT

Calibri (Body) 11 Aa Font Paragraph Styles Editing

EPA United States Environmental Protection Agency

Learn the Basics Science & Technology Laws & Regulations About EPA

Substance Registry Services (SRS)


You are here: EPA > Substanc of Registra > SRS > Search > Results > Details

Chlorobenzene

Click on Search to


To learn more about the substance, click the images below to see additional information about each section.

Health and Other Information




Chlorobenzene has been determined to have a carcinogenic effect on the human body.

Program and Regulatory Information



There are several EPA applications/systems, statutes/regulations, or other sources that track or regulate this substance.

Related Substances



There are several other components and substances that are related to this substance.

Health and Other Information

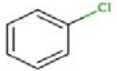
Chlorobenzene is used primarily as a solvent, a degreasing agent, and a chemical intermediate. Limited information is available on the acute (short-term) effects of chlorobenzene. Acute inhalation exposure of animals to chlorobenzene produced narcosis, redness, tremors, and muscle spasms. Chronic (long-term) exposure of humans to chlorobenzene affects the central nervous system (CNS). Signs of neurotoxicity in humans include numbness, cyanosis, hyperesthesia (increased sensation), and muscle spasms. No information is available on the carcinogenic effects of chlorobenzene in humans. EPA has classified chlorobenzene as a Group D, not classifiable as to human carcinogenicity.

Substance Details

Substance Type: Chemical Substance
EPA Registry Name: Chlorobenzene
Molecular Formula: C6H5Cl
SRS ID: 25478
CAS Number: 108-90-7
Molecular Weight: 112.56

See More Metadata

Microbial Strains

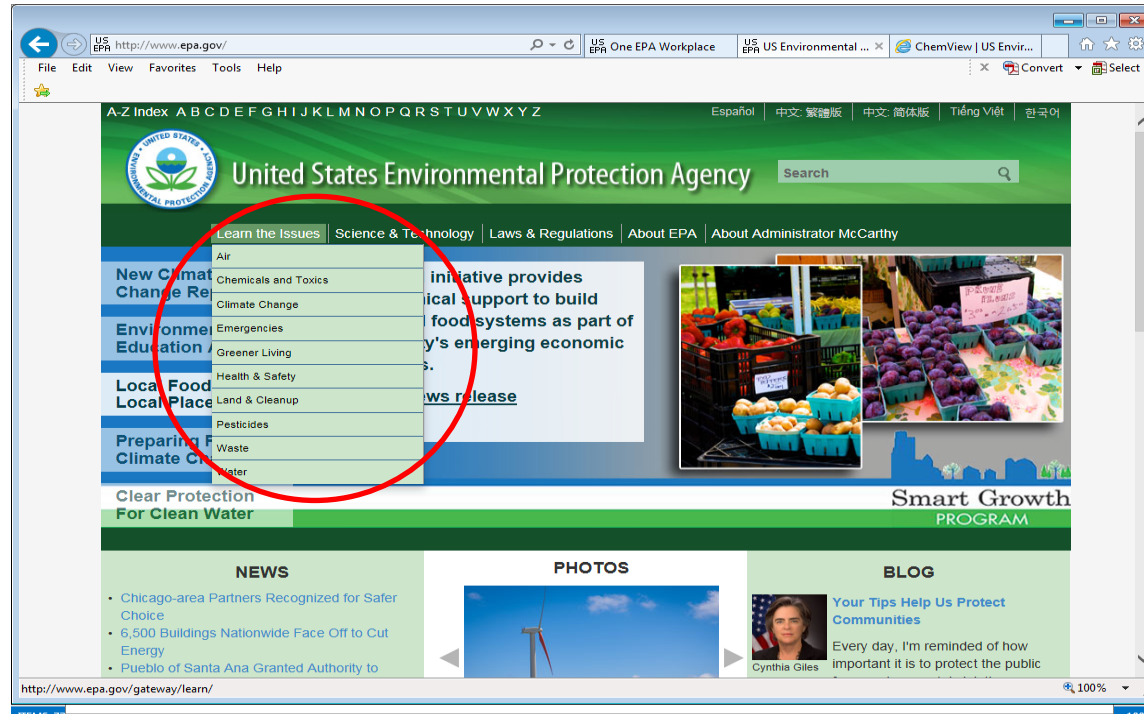


PAGE: 14 OF 20 69 WORDS

ITEMS: 623 UNREAD: 87 THIS FOLDER IS UP TO DATE. CONNECTED TO: MICROSOFT EXCHANGE

4:03 PM 7/23/2015

Moving to the EPA Homepage



In the (not so distant) Future

- Move to new Look and Feel and new location
- Integrate SRS Web services into more online reporting forms and systems
- Work with partners to add state and tribal programmatic substance lists
- Reduce duplicative webpages at USEPA
 - Point to SRS for basic information about substances
 - Including health and safety fact sheets

Facility Registry Services (FRS)

ABSTRACT

The Facility Registry Service (FRS) is a data repository that links facilities and geospatial data across Programs, States, Tribes and other Federal Agencies.

FRS integrates, improves, and provides quality facility data to support EPA's mission of protecting human health and the environment.

FRS 3 main goals

Integrate data

Improve data

Provide data

What does FRS integrate?

- 33 EPA program systems:

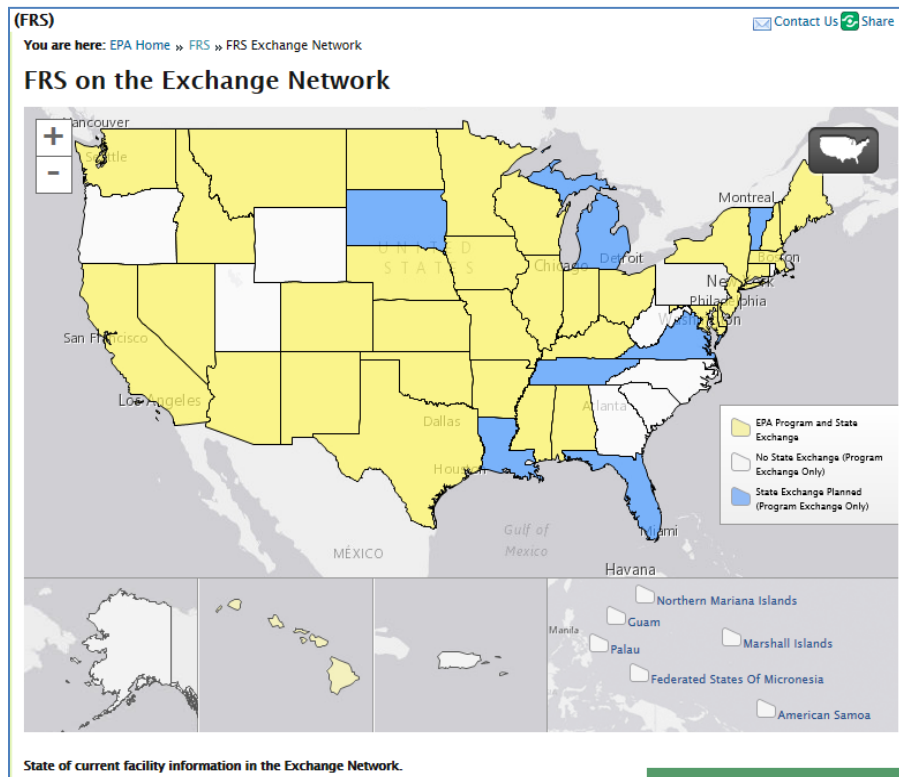
http://www.epa.gov/enviro/html/fii/data_sources.html

- 54 state systems:

http://www.epa.gov/enviro/html/fii/Exchange_Network.htm

- 4 tribal systems
- 8 systems from other federal agencies

States flowing data to FRS



Documentation for flowing facility data via the Exchange Network can be found at <http://www.exchangenetwork.net/data-exchange/facility-identification>

State systems refreshed in FRS in last year

State Code	State System Name
AL *	PERMIT TRACKING
AR *	PDS
AZ *	AZURITE
CA	CA-CERS
CT *	SIMS
DE	DEN
HI	HI-EHW
IA *	IDNR_EFD
ID	IDDEQ
IL *	ACES
IN *	IN-TEMPO
KS	KS-FP
KY	KY-TEMPO
MA *	MA-EPICS
MD *	MD-TEMPO
ME *	ME-EFIS

State Code	State System Name
MN	MN-DELTA
MO	MO-DNR
MS	MS-ENSITE
MT	MT-CEDARS
ND *	ND-FP
NE	NDEQ
NH	NH-DES
NJ *	NJ-NJEMS
NM	NM-TEMPO
NV *	NV-FP
NY *	FIS
OH	OH-CORE
OK	OK-FMS
PA *	PA-EFACTS
WA *	WA-FSIS
WI *	WI-ESR

* Refreshed in the last three months (May – July) (Count 17)

How FRS improves data

- 1) Geocoding
- 2) Integrating data from multiple EPA systems and external sources
- 3) Automated merging
- 4) Automated Q/A Checks
- 5) Data quality tool – the Facility Linkage Application (FLA)
- 6) Network of FRS Stewards (FLA Users)
- 7) Correcting data as it's being reported

These services and integration capabilities are available to States, Tribes & Territories!

FRS data offerings

Agency applications that use FRS data:

- Envirofacts and Enviromapper
- CEDRI application
- Clean-ups in my community
- ECHO/ICIS
- ER Analyzer
- EJ Screen
- MyProperty

Data Products:

- Key maps for the emergency response community
- Web services for public use and internal use
- Assorted prepackaged and custom data downloads
- Full list:
<http://www.epa.gov/enviro/html/fii/dataresources.html>

Data Stewardship in FRS

- Currently a network of 140 state, regional, and HQ employees
- Correct locations of facilities to aid emergency responders, inspectors, rule makers, data modelers and others
- Participate in data quality initiatives
- Assist in requirements gathering for new FRS development

FRS – E-Enterprise

Big picture: For eEnterprise to succeed, we need to build and maintain associations between facilities and their sub-facility components, contacts, and corporate parents

From the FRS perspective, we need to...

- Build a network of data stewards, and provide them with an array of data quality tools
- Harmonize facility data elements, in order to build a facility “profile”

FRS – E-Enterprise

- Maximize front-end integration, to validate data as it is being reported
- Develop a new data model with a persistent facility identifier
- Integrate facility contacts data with a new Federal Identity Management system
- Link facilities and contacts with their corporate parent organizations
- Use facilities information to model regulatory requirements
- Integrate facility services with new eEnterprise platform

Thank you!

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