

ENVIRONMENTAL CONTAMINANTS ENCYCLOPEDIA

SYNONYMS LIST

July 1, 1997

COMPILERS/EDITORS:

ROY J. IRWIN, NATIONAL PARK SERVICE

WITH ASSISTANCE FROM COLORADO STATE UNIVERSITY

STUDENT ASSISTANT CONTAMINANTS SPECIALISTS:

MARK VAN MOUWERIK

LYNETTE STEVENS

MARION DUBLER SEESE

WENDY BASHAM

NATIONAL PARK SERVICE

WATER RESOURCES DIVISIONS, WATER OPERATIONS BRANCH

1201 Oakridge Drive, Suite 250

FORT COLLINS, COLORADO 80525

WARNING/DISCLAIMERS:

Where specific products, books, or laboratories are mentioned, no official U.S. government endorsement is intended or implied.

Digital format users: No software was independently developed for this project. Technical questions related to software should be directed to the manufacturer of whatever software is being used to read the files. Adobe Acrobat PDF files are supplied to allow use of this product with a wide variety of software, hardware, and operating systems (DOS, Windows, MAC, and UNIX).

This document was put together by human beings, mostly by compiling or summarizing what other human beings have written. Therefore, it most likely contains some mistakes and/or potential misinterpretations and should be used primarily as a way to search quickly for basic information and information sources. It should not be viewed as an exhaustive, "last-word" source for critical applications (such as those requiring legally defensible information). For critical applications (such as litigation applications), it is best to use this document to find sources, and then to obtain the original documents and/or talk to the authors before depending too heavily on a particular piece of information.

Like a library or many large databases (such as EPA's national STORET water quality database), this document contains information of variable quality from very diverse sources. In compiling this document, mistakes were found in peer reviewed journal articles, as well as in databases with relatively elaborate quality control mechanisms [366,649,940]. A few of these were caught and marked with a "[sic]" notation, but undoubtedly others slipped through. The [sic] notation was inserted by the editors to indicate information or spelling that seemed wrong or misleading, but which was nevertheless cited verbatim rather than arbitrarily changing what the author said.

Most likely additional transcription errors and typos have been added in some of our efforts. Furthermore, with such complex subject matter, it is not always easy to determine what is correct and what is incorrect, especially with the "experts" often disagreeing. It is not uncommon in scientific research for two different researchers to come up with different results which lead them to different conclusions. In compiling the Encyclopedia, the editors did not try to resolve such conflicts, but rather simply reported it all.

It should be kept in mind that data comparability is a major problem in environmental toxicology since laboratory and field methods are constantly changing and since there are so many different "standard methods" published by EPA, other federal agencies, state agencies, and various private groups. What some laboratory and field investigators actually do for standard operating practice is often a unique combination of various standard protocols and impromptu "improvements." In fact, the interagency task force on water methods concluded that [1014]:

It is the exception rather than the rule that water-quality monitoring data from different programs or time periods can be compared on a scientifically sound basis, and that...

No nationally accepted standard definitions exist for water quality parameters. The different organizations may collect data using identical or standard methods, but identify them by different names, or use the same names for data collected by different methods [1014].

Synonyms can be very confusing. Often the CAS number is the best way to get to the bottom of confused identities. However, even this is not fool proof because CAS numbers are sometimes associated with the wrong substance through simple mistakes.

The bottom line: The editors hope users find this document useful, but don't expect or depend on perfection herein. Neither the U.S. Government nor the National Park Service make any claims that this document is free of mistakes.

Before utilizing this entry, the reader is strongly encouraged to read the README file (in this subdirectory) for an introduction, an explanation of how to use this document in general, an explanation of how to search for power key section headings, an explanation of the organization of each entry, an information quality discussion, a discussion of copyright issues, and a listing of other entries (other topics) covered.

See the separate file entitled REFERENC for the identity of numbered references in brackets.

HOW TO CITE THIS DOCUMENT: As mentioned above, for critical applications it is better to obtain and cite the original publication after first verifying various data quality assurance concerns. For more routine applications, this document may be cited as:

Irwin, R.J., M. VanMouwerik, L. Stevens, M.D. Seese, and W. Basham. 1997. Environmental Contaminants Encyclopedia. National Park Service, Water Resources Division, Fort Collins, Colorado. Distributed within the Federal Government as an Electronic Document (Projected public availability on the internet or NTIS: 1998).

SYNONYM LIST

Acenaphthene (CAS number 83-32-9)

1,8-hydroacenaphthylene [848]
ethylenaphthalene [848]
periethylenaphthalene [848]

Acenaphthylene (CAS number 208-96-8)

Cyclopenta(de)naphthalene [366]

Alkanes

None found.

Alkanes are one of three subgroups of aliphatics.

Anthracene (CAS number 120-12-7)

Anthracen (German) [366]
Anthracin [366]
Paranaphthalene [366]
Green oil [366]
Tetra olive N2G [366]

Arsenic (As, CAS number 7440-38-2)

ARSENIC BLACK [366]
ARSENIC-75 [366]
COLLOIDAL ARSENIC [366]
Gray arsenic [366]
Metallic arsenic [366]

Asphalt (Asphaltic bitumen, bitumen, petroleum asphalt, asphalt cements, CAS number 8052-42-4)

Road Oil [560]
Slow Curing Asphalt [560]
Petroleum Asphalt [367, 560, 609]
Liquid Asphalt [560]
Asphaltic bitumen [367, 609]
Bitumen [367, 609]
Asphalt cements [367]
Asphaltum [609]
Judean pitch [609]
Mineral pitch [609]
Petroleum bitumen [609]
Petroleum pitch [609]
Petroleum refining residues, asphalts [609]
Trinidad pitch [609]
Caswell No. 062 [609]
Caswell No. 106 [609]
EPA Pesticide Chemical Code 022001 [609]

EPA Pesticide Chemical Code 022002 [609]
Bituminous materials, asphalt [609]
Mineral rubber (VAN) [609]

Benzene (CAS number 71-43-2)

Benzeen (DUTCH) [609]
Benzen (POLISH) [609]
Benzin (OBS.) [607]
Benzine (OBS.) [607]

NOTE: According to one source, Benzine (Benzin) is not the same compound as benzene. Benzine is a heterogenous mixture of various hydrocarbons including pentanes, hexanes, heptanes, toluene, xylene, and small amounts of benzene [498].

Benzolene [607]
Benzol [609]
Benzole [609]
Benzolo (Italian) [609]
Bicarburet of hydrogen [609]
Carbon oil [607]
Cyclohexatriene [609]
Fenzen (Czech) [609]
Motor benzol [607]
NCI-C55276 [609]
Nitration benzene [607]
Polystream [609]
(6)Annulene [609]
Coal naphtha [609]
Phene [609]
Phenyl hydride [609]
Pyrobenzol [609]
Pyrobenzole [609]
RCRA waste number U019 [607]
UN1114 (DOT) [607]
AI3-00808 [609]
Caswell no 077 [609]
EPA pesticide chemical code 008801 [609]
Benzol 90 [609]

Benzo(a)fluoranthene (CAS number 203-33-8)

Benz(a)aceanthrylene [607]
1,2-Benzfluoranthene [607]
1,2-Benzfluoranthrene [607]
1,2-Benzofluoranthene [607]
Dibenzo(c,lm)fluorene [607]

Benzo(a)anthracene (CAS number 56-55-3)

1,2-Benz(a)anthracene [366]
1,2-Benzanthracene [366]

1,2-Benzanthrene [366]
1,2-Benzoanthracene [366]
2,3-Benzophenanthrene [366]
BA [366]
B(a)A [870]
Benzanthracene [366]
Benzanthrene [366]
Benz(a)anthracene [366]
Benzo(b)phenanthrene [366]
Benzoanthracene [366]
Tetraphene [366]
Naphthanthracene [847]

Benzo(a)pyrene (BaP, B(a)P, BP, CAS number 50-32-8)

Benz(a)pyrene [366]
3,4-Benz(a)pyrene [366]
3,4-Benzopyrene [870]
3,4-Benzypyrene [870]
3,4-BP [870]
BP [366,870]
BaP [366]
B(a)P [870]
Benzo(d,e,f)chrysene [870]
1,2-Benzpyrene [870]
1,2-Benzopyrene [870]
6,7-Benzopyrene [870]
RCRA Waste Number U022 [870]

Benzo(b)fluoranthene (Benzofluoranthene, 3,4-; CAS number 205-99-2)

2,3-benzfluoranthene [366]
2,3-benzofluoranthene [366]
2,3-benzofluoranthrene [366]
3,4-benz(e)acephenanthrylene [366]
3,4-benzfluoranthene [366]
3,4-benzofluoranthene [366]
B(b)Fu [366]
B(b)F [609]
Benz(e)acephenanthrylene [366]
Benzo(e)fluoranthene [366]

Benzo(e)pyrene (CAS number 192-97-2)

1,2-Benzopyrene [366]
1,2-Benzpyrene [366]
4,5-Benzopyrene [366]
4,5-Benzpyrene [366]
B(e)P [366]

Benzo(g,h,i)perylene (CAS number 191-24-2)

1,12-Benzoperylene [609]
1,12-Benzperylene [609]

Benzo(j)fluoranthene (CAS number 205-82-3)

10,11-Benzofluoranthene [609,848]
Benzo-12,13-fluoranthene [609]
Dibenzo(a,jk)fluorene [609]
7,8-Benzofluoranthene [609,848]
Benz(j)fluoranthene [617]
Benzo(l)fluoranthene [617]
B(j)F [617]

Benzo(k)fluoranthene (CAS number 207-08-9)

2,3,1',8'-Binaphthylene [366]
8,9-Benzofluoranthene [366]
8,9-Benzfluoranthene [366]
11,12-Benzo(k)fluoranthene [366]
11,12-Benzofluoranthene [366]
Dibenzo(b,jk)fluorene [366]
B(k)F [366].

NOTE: This compound is often misspelled as "benzo(k)fluoranthrene". The misspelling has been common enough to make it into some government contracts and reports.

Beryllium (Be, CAS number 7440-41-7)

Beryllium-9 [944]
Glucinium [944]
Glucinum [944]
Beryllium metallic [944]

Biphenyl (Diphenyl; Phenylbenzene; 1,1-Biphenyl; CAS number 92-52-4)

1,1'-Biphenyl [366,607]
1,1'-Diphenyl [366]
Bibenzene [366,607]
Biphenyl [366,607]
Lemonene [366,607]
Phenador-X [366,607]
Phenylbenzene [366,607]
PHPH [366,607]
Xenene [366,607]
Carolid AL [607]
Diphenyl [607]
Tetrosin LY [607]

BTEX and BTEX Compounds (BTX, Analyses which Include Emphasis on Combinations of Benzene, Toluene, Ethyl Benzene, and Xylene compounds)

None found (other than those in the title section above).

Cadmium (Cd, CAS number 7440-43-9)

KADMIUM (GERMAN) [366]
C I 77180 [366]
Colloidal cadmium [366]

Carbon Tetrachloride (Carbon Tet., Tetrachloromethane, CAS number 56-23-5)

CARBON CHLORIDE [940]
CARBON CHLORIDE (CCL4) [940]
CARBON TET [940]
CZTEROCHLOREK WEGLA (POLISH) [940]
ENT 4,705 [940]
METHANE TETRACHLORIDE [940]
METHANE, TETRACHLORO- [940]
PERCHLOROMETHANE [940]
R 10 [940]
TETRACHLOORKOOLSTOF (DUTCH) [940]
TETRACHLOORMETAAN [940]
TETRACHLORKOHLLENSTOFF, TETRA (GERMAN) [940]
TETRACHLORMETHAN (GERMAN) [940]
TETRACHLOROCARBON [940]
TETRACHLOROMETHANE [940]
TETRACHLORURE DE CARBONE (FRENCH) [940]
TETRACLOROMETANO (ITALIAN) [940]
TETRACLORURO DI CARBONIO (ITALIAN) [940]
Benzinoform [940]
UNIVERM [940]
VERMOESTRICID [940]
NECATORINA [940]
NECATORINE [940]
FASCIOLIN [940]
FLUKOIDS [940]
R 10 (Refrigerant) [940]
TETRAFINOL [940]
TETRAFORM [940]
TETRASOL [940]
CARBONA [940]
Freon 10 [940]
Halon 104 [940]

Chromium, General (Cr, CAS number 7440-47-3)

CHROM (GERMAN) [609]
CHROME [609,617]
CHROME (FRENCH) [609]
Chromium metal [617]

Chromium III (Trivalent Chromium Ion, CAS number 16065-83-1)

Chromium (III) [617]
Chromium (III) ion [617]
Cr+3 [617]

Chromium (+3)
Chromium (+3) ion [617]
Chromium trivalent ion [617]
Chromic ion [617]

Chromium VI (Hexavalent Chromium Ion, CAS number 18540-29-9)

Chromium (VI) [617]
Chromium (VI) ion [617]
Cr+6 [617]
Chromium (+6)
Chromium (+6) ion [617]
Chromium hexavalent ion [617]

Chrysene (CAS number 218-01-9)

1,2,5,6-Dibenzonaphthalene [366]
1,2-Benzophenanthrene [366]
1,2-Benzphenanthrene [366]
Benz(a)phenanthrene [366]
Benzo(a)phenanthrene [366]

Chrysene, C1- (C1-Chrysene)

CAS Numbers are:

1-Methylchrysene, 3351-28-8 [847]
2-Methylchrysene, 3351-32-4 [847]
3-Methylchrysene, 3351-31-3 [847]
4-Methylchrysene, 3351-30-2 [847]
5-Methylchrysene, 3697-24-3 [847]
6-Methylchrysene, 1705-85-7 [847]

C1 Chrysenes

Chrysene, C2- (C2-Chrysene)

C2 Chrysenes

Chrysene, C3- (C3-Chrysene)

C3 Chrysenes

Chrysene, C4- (C4-Chrysene)

C4 Chrysenes

Coal Tar (CAS number 8007-45-2)

CRUDE COAL TAR [609,607]
ESTAR [609,607]
LAVATAR [609,607]
PIX CARBONIS [609,607]
PIXALBOL [609,607]

PSORIGEL [609]
TAR [609,607]
TAR, COAL [609,607]
ZETAR [609,607]
CARBO-CORT [607]
COAL TAR, AEROSOL [607]
COAL TAR SOLUTION USP [607]
LAV [607]
PICIS CARBONIS [607]
PIX LITHANTHRACIS [607]
POLYTAR BATH [607]
SUPERTAH [607]
SYNTAR [607]
OILS, MISCELLANEOUS: COAL TAR [367]
CHRIS Code OCT [367]
Light oil [367]

Copper (Cu, CAS number 7440-50-8)

1721 GOLD [609]
ALLBRI NATURAL COPPER [609]
ANAC 110 [609]
ARWOOD COPPER [609]
BRONZE POWDER [609]
CDA 101 [609]
CDA 102 [609]
CDA 110 [609]
CDA 122 [609]
CI 77400 [609]
CI PIGMENT METAL 2 [609]
COPPER BRONZE [609]
COPPER M 1 [609]
COPPER POWDER [609]
COPPER SLAG-AIRBORNE [609]
COPPER SLAG-MILLED [609]
COPPER-AIRBORNE [609]
COPPER-MILLED [609]
CU M3 [609]
GOLD BRONZE [609]
KAFAR COPPER [609]
M 1 [609]
M 3 [609]
M 4 [609]
M1 (COPPER) [609]
M2 (COPPER) [609]
M3 (COPPER) [609]
M3R [609]
M3S [609]
M4 (COPPER) [609]
OFHC CU [609]
RANEY COPPER [609]
Caswell No 227 [609]
CE 1110 [609]
Copper, Metallic Powder [609]

E 115 (metal) [609]
EPA Pesticide Chemical Code 022501 [609]
Cuprum (Latin) [609]

Crude Oil (CAS number 8002-05-9)

Petroleum [617]
Base Oil [617]
Coal Liquid [617]
Coal Oil [617]
Crude Oil, Petroleum [617]
Crude Petroleum [617]
Petrol [617,747]
Petroleum Crude [617]
Petroleum Oil [617]
Rock Oil [617,747]
Seneca Oil [617,747]
Naphtha [747]

Cyanide(s) in General (No CAS Number) and Free Cyanide (CAS number 57-12-5)

For the cyanide ion (CAS 57-12-5) only, the synonyms include [617]:

Cyanide
Cyanide anion
Cyanide ion
Isocyanide

For hydrogen cyanide only, the synonyms include [365]:

ACIDE CYANHYDRIQUE (French) [365]
ACIDO CIANIDRICO (Italian) [365]
AERO LIQUID HCN [365]
BLAUSAEURE (German) [365]
BLAUWZUUR (Dutch) [365]
CARBON HYDRIDE NITRIDE (CHN) [365]
CYAANWATERSTOF (Dutch) [365]
CYANWASSERSTOFF (German) [365]
CYCLON [365]
CYCLONE B [365]
CYJANOWODOR (Polish) [365]
EVERCYN [365]
FLUOHYDRIC ACID GAS [365]
FORMIC ANAMMONIDE [365]
FORMONITRILE [365]
HCN [365]
HYDROCYANIC ACID (DOT) [365]
HYDROFLUORIC ACID GAS [365]
HYDROGEN CYANIDE [365]
HYDROGEN CYANIDE (ACGIH, OSHA) [365]
NA 1051 (DOT) [365]
PRUSSIC ACID [365]
PRUSSIC ACID, UNSTABILIZED [365]

RCRA WASTE NUMBER P063 [365]
UN 1051 (DOT) [365]
UN 1613 (DOT) [365]
UN 1614 (DOT) [365]
ZACLONDISCOIDS [365]

Dibenz(a,h)anthracene (Dibenzo(a,h)anthracene, CAS number 53-70-3)

1,2,5,6-Dibenzanthracene [366]
1,2:5,6-Benzanthracene [366]
1,2:5,6-Dibenz(a)anthracene [366]
1,2:5,6-Dibenzanthracene [366]
1,2:5,6-Dibenzoanthracene [366]
1,2,7,8-dibenzanthracene [847]
DB(a,h)A [366]
DBA [366]
Dibenzo(a,h)anthracene [366,617]
RCRA Waste Number U063 [870]

Dibenzothiophene (CAS number 132-65-0)

2,2'-Biphenylene sulfide [365]
Dibenzo(b,d)thiophene [365]
Diphenylene sulfide [365]
9-Thiafluorene [365]

Dibenzothiophene, C1- (C1-Dibenzothiophene)

None found.

Dibenzothiophene, C2- (C2-Dibenzothiophene)

None found.

Dibenzothiophene, C3- (C3-Dibenzothiophene)

None found.

Dichloroethane-1,2 (EDC, 1,2-Dichloroethane, CAS number 107-06-2)

1,2-BICHLOROETHANE [940]
1,2-DICHLOROETHAAN (DUTCH) [940]
1,2-DICHLOR-AETHAN (GERMAN) [940]
1,2-DICHLORETHANE [940]
1,2-DICHLOROETANO (ITALIAN) [940]
1,2-ETHYLENE DICHLORIDE [940]
AETHYLENCHLORID (GERMAN) [940]
ALPHA,BETA-DICHLOROETHANE [940]
BICHLORURE D'ETHYLENE (FRENCH) [940]
CHLORURE D'ETHYLENE (FRENCH) [940]
CLORURO DI ETHENE (ITALIAN) [940]
RY DICHLORO-1,2-ETHANE [940]
ENT 1,656 [940]
ETHANE DICHLORIDE [940]

ETHANE, 1,2-DICHLORO- [940]
ETHYLEENDICHLORIDE (DUTCH) [940]
ETHYLENE CHLORIDE [940]
ETHYLENE DICHLORIDE [940]
GLYCOL DICHLORIDE [940]
NCI-C00511 [940]
SYM-DICHLOROETHANE [940]
FREON 150 [940]
BORER SOL [940]
BROCIDE [940]
DESTRUXOL BORER-SOL [940]
DI-CHLOR-MULSION [940]
DICHLOR-MULSION [940]
DICHLOREMULSION [940]
DUTCH LIQUID [940]
DUTCH OIL [940]
beta-Dichloroethane [940]

Dichloroethylene-1,1 (1,1- Dichloroethylene; DCE; 1,1-DCE; Vinylidene chloride; Dichloroethylene, 1,1-; 1,1-Dichloroethene; CAS number 75-35-4)

DCE [617]
Vinylidene chloride [617]
DICHLOROETHENE, 1,1- [617]
1,1-Dichloroethene [617]
1,1-DCE [609]
ASYM-DICHLOROETHYLENE [609]
CHLORURE DE VINYLIDENE (FRENCH) [609]
ETHENE, 1,1-DICHLORO- [609]
ETHYLENE, 1,1-DICHLORO- [609]
VDC [609]
VINYLIDENE CHLORIDE, MONOMER [609]
VINYLIDENE CHLORIDE (II) [609]
VINYLIDENE CHLORIDE (INHIBITED) [609]
VINYLIDENE DICHLORIDE [609]
VINYLIDINE CHLORIDE [609]
VC [609]
as-Dichloroethylene [609]
NCI-C54262 [609]

Diesel Oil, General (Diesel Fuels, CAS number 68334-30-5)

Automotive diesel oil (ADO) [607,747]
Diesel fuel (DOT) [607]
Diesel oil (petroleum) [607,747]
Diesel oils [607]
Diesel test fuel [607]
Fuels, diesel [607]
NA1993 (DOT) [607]
Olej napedowy III (Polish) [607]
Auto diesel [747]
Derv [747]
Diesel [747]

Diesel fuel oil [747]
Gas oil [747]

NOTE: RTECs [365] once listed Fuel Oil as a synonym for diesel. The more current RTECs [607], however, does not, because they are not the same thing. Confusion on CAS numbers is seen in the literature: CAS number 68512-90-3 is listed for diesel in RTECS but not in the Dictionary of CAS numbers [617] or some other sources. CAS 68476-34-6 is the number for diesel 2-D, not for diesel oil in general. However, all diesel oils are considered types of fuel oils [962].

Diesel Oil #1 (Diesel fuel No. 1-D, Diesel oil grade 1-D, CAS number 68334-30-5)

DIESEL #1 [606]
DIESEL FUEL NO 1-D [608]
OILS, FUEL: 1-D [615]
CHRIS Code OOD [615]
Diesel oil (light) [615]
DIESEL FUEL OIL NO. 1 [747]
DIESEL OIL NO. 1 [747]
NO. 1 DIESEL [747]
KEROSINE (used for similar fuels in Europe) [747]
ARCTIC DIESEL (used for similar fuels in Europe) [747]
DOT I.D. No. 1270 [615]

Diesel Oil #2 (Diesel Fuel No. 2-D, Diesel Oil Grade 2-D, CAS number 68476-34-6)

OILS, FUEL: 2-D [615]
CHRIS Code OTD [615]
Diesel oil, medium [615,875]
DIESEL FUEL NO. 2-D [608]
DIESEL FUEL NO. 2 [606]
DIESEL FUEL #2 [606]
DIESEL NO. 2 [606]
DIESEL OIL NO. 2 [606,747]
DIESEL OIL #2 [606]
DIESEL #2 [606]
DIESEL FUEL OIL NO. 2 [747]
NO. 2 DIESEL [747]
DOT I.D. NO. 1270 [615]
Number 2 diesel [962].
Fuel Oil No. 2-D [962]

Diesel Oil #4 (Diesel fuel No. 4-D, Diesel oil grade 4-D, CAS number 77650-28-3)

Diesel fuel no 4-D [608]
DFM [607]
Diesel fuel No.4 [607]
Distillate fuel, marine, petroleum deriv. [607]

Marine diesel fuel [607,747]
NCI-C54795 [607]
Petroleum derived distillate fuel, marine [607]
Fuel Oil No. 4 [962]

Ethylbenzene (CAS number 100-41-4)

Aethylbenzol (German) [609]
Benzene, ethyl- [609]
EB [609]
Ethyl benzene [609]
Ethylbenzeen (Dutch) [609]
Ethylbenzol [609]
Etilbenzene (Italian) [609]
Etylobenzen (Polish) [609]
Phenylethane [609]
NCI-C56393 [609]

Fluoranthene/pyrene, C1- (C1-Fluoranthene/pyrene)

None found.

Fluoranthene (C16-H10, CAS number 206-44-0)

1,2-(1,8-Naphthylene)Benzene [366]
1,2-Benzacenaphthene [366]
Benzene, 1,2-(1,8-Naphthalenediyl)- [366]
Benzene, 1,2-(1,8-Naphthylene)- [366]
Benzo(jk)fluorene [366]
Idryl [870]
RCRA Waste Number U120 [870]

Fluorene (CAS number 86-73-7)

2,2'-methylenebiphenyl [366]
9h-fluorene [366,847]
Diphenylenemethane [366]
Methane, diphenylene- [366]
o-biphenylenemethane [366]
Alpha-diphenylenemethane [366]

Fluorene, C1- (C1-Fluorene)

None found.

Fluorene, C2- (C2-Fluorene)

None found.

Fluorene, C3- (C3-Fluorene)

None found.

Fuel Oil, General

None found.

Fuel Oil Number 2, General (No 2 Fuel Oil, Fuel Oil No. 2, CAS number 68476-30-2)

API No. 2 Fuel oil [498]
Fuel oil, No. 2 [498,499,607]
Number 2 fuel oil [498,607]
Gas oil [498,607]
Number 2 burner fuel [498,607]
UN/NA 1993 (fuel oil) [498,607]
UN/NA 1202 (gas oil) [498]
NIOSH/RTECS Number: LS 8930000 [498]
USCG CHRIS Code: OTW [635]
Home heating oil No. 2 [498,607]
2 Home heating oils [498]
#2 Home heating oils [607]

NOTE: Some sources list "Home Heating Oil No. 2" as a synonym of Fuel Oil No. 2. Because we located several references with information specifically labeled as "heating fuel oil," we have included a separate entry in this document entitled Fuel Oil Number 2 - Heating Oil, where information specifically pertaining to heating oil can be located. As mentioned in the note at the top of this document, heating fuel oil and transportation fuel oil no. 2 are basically compositionally the same.

Fuel Oil Number 2 - Heating Oil

Home heating oil [560]
Furnace fuel [683]
No. 2 heating oil [555]
Domestic fuel oil [747]
Domestic heating oil [747]
Furnace oil no. 2 [747]
Heating oil [747]
Gas Oil [962]
Number 2 burner oil [962]

Fuel Oil Number 4 (No 4 Fuel Oil, Fuel Oil No. 4, CAS number 68476-31-3)

Light residual fuel oil [747]
Residual fuel oil [560]

NOTE: Fuel oil numbers 5 and 6 are also referred to as Residual fuel oil.

ATSDR lists Diesel Fuel No. 4 as a synonym [962], but this product has a different CAS number and perhaps different additives (see Diesel Oil #4 entry).

ATSDR lists heavy residual fuel oil, marine diesel fuel, and

residual fuel oil number 4 as synonyms [962], but other references do not seem to agree [560,560].

Fuel Oil Number 5 (No. 5 Fuel Oil, Bunker B Fuel Oil, Fuel Oil No. 5, Navy Special Fuel Oil, NSFO, Residual Oil No. 5)

Residual Fuel Oil [560]
Navy Special [560]
Bunker B Fuel Oil [560]
Light Fuel Oil No. 5 [560]
Heavy Fuel Oil No. 5 [560]
FUEL OIL NO. 5 [606]
FUEL OIL #5 [606]
HEATING OIL NO. 5 [606]
HEATING OIL #5 [606]
NO. 5 FUEL OIL [606]
NO. 5 HEATING OIL [606]
#5 FUEL OIL [606]
#5 HEATING OIL [606]
Fuel Oil UNSP [962]
Navy Special Fuel Oil (NSFO)
Heavy Fuel Oil [ARCO MSDS Sheet]
Commercial 535, ASTM No. 5 [ARCO MSDS Sheet]

Fuel Oil Number 6 (No 6 Fuel Oil, Fuel Oil No. 6, Bunker C, CAS number 68553-00-4)

BUNKER C [499,557,558,560]
GRADE 6 [499]
FUEL OIL NO. 6 [365,369]
FUEL OIL #6 [369]
HEATING OIL NO. 6 [369]
HEATING OIL #6 [369]
NO. 6 FUEL OIL [369,365,637]
NO. 6 HEATING OIL [369]
#6 FUEL OIL [369]
#6 HEATING OIL [369]
The United States Navy refers to bunker C as "Navy heavy" [637].

Gasoline, General (CAS number 86290-81-5)

Gasoline [498]
Benzin [498]
Gasolene [498]
Motor Spirits [498]
Natural Gasoline [498]
Petrol [498, 499]
UN 1203 (Gasoline) [498]
UN 1257 (Natural gasoline) [498]

Gasoline Additives (Including EDB = Ethylene dibromide, EDC = Ethylene dichloride, TEL = Tetraethyllead, TML = Tetramethyllead, MTBE = Methyl tertiary-butyl ether, Ethanol, Methanol)

Not applicable.

Gasoline, Casinghead (Natural Gasoline)

Natural Gasoline [615]
Gasolines: Casinghead [615]
CHRIS Code GCS [615]

Gasoline, Leaded (CAS number 86290-81-5)

Motor spirit [560]
Petrol [560]
Straight run [560]
Gas, leaded regular [606]
Gasoline, leaded regular [606]
Gasoline, regular [606]
Leaded petrol [606]
Leaded regular gasoline [606]
Petrol, leaded [606]
Regular gasoline [606]
Regular leaded gasoline [606]

Gasoline, Unleaded (CAS number 86290-81-5)

Unleaded gasoline [607,747]
Unleaded motor gasoline [607,747]

Indeno(1,2,3-c,d)pyrene (CAS number 193-39-5)

1,10-(1,2-Phenylene)pyrene [366]
1,10-(O-Phenylene)pyrene [366]
2,3-O-phenylenepyrene [366]
2,3-phenylenepyrene [366]
O-phenylenepyrene [366]
Indenopyrene [366]
Ideno(1,2,3-cd)pyrene [366]
IP [366]

Jet Fuel, General

Editor's note: synonyms for Jet Fuels can be confusing and are sometimes incorrect in the literature. For example, see Jet Fuel 5 below.

Jet Fuel 4 (JP-4, jet fuel no. 4)

JP-4 (jet propulsion - 4) [558]
Aviation turbine fuel [637]
Air Force wide-cut aviation turbine fuel [560]
JPF [635]
JP-4 JET FUEL [607]
JET FUEL 4 [608]
AVTAG [747]

Jet Fuel 5 (JP-5, jet fuel no. 5)

JP-5 (jet propulsion - 5)
JPV [635]
JP 5 [607]
JP-5 NAVY FUEL [607]
kerosene, heavy [560]
JET FUEL 5 [608]
AVCAT [747]

Editor's note: JP-5 is given as an exact synonym for kerosene and Fuel Oil 1 in ATSDR [962], but this is not 100% correct. It is more precise to say that Jet fuel 5 (JP-5) is one particular form of no. 1 fuel oil [635]. JP-1 is kerosene, while JP-5 is a specially refined kerosene, a high flash point kerosene [560].

Jet Fuel 8 (JP-8, jet fuel no. 8)

AVTUR [747]

Jet Fuel A (Jet A, Commercial Jet Fuel)

Commercial Jet Fuel [606]
Turbo fuel A [747]
Jet A [607]
Jet A-1 [607]

NOTE: Other references say that Jet A and Jet A-1 are not exact synonyms [560,747]. Although both are petroleum distillates blended from kerosene fractions and used in civil and commercial aviation, Jet A-1 has a lower freezing point than Jet A [560].

Kerosene (Kerosine, Fuel Oil No. 1, JP-1, CAS number 8008-20-6)

Jet Fuel 1 (JP-1) is listed as an exact synonym for kerosene according to several sources [366,367,560].

Coal oil [580,607]
Fuel oil no 1 [580,615]
Kerosine [580,607,615]
Range oil [580,615]
JP-1 [615]
Deobase [607]
Straight-run kerosene [607]
Range Oil [962]

Note: Jet Fuel 5 is "heavy kerosene" [560] (see the Jet Fuel 5 entry). Synonyms for Jet Fuels can be confusing and are sometimes incorrect in the literature; for example, JP-5 is given as an exact synonym for both kerosene and Fuel Oil 1 in ATSDR [962], but this is not 100% correct. It is more precise to say that Jet fuel 5

(JP-5) is one particular form of no. 1 fuel oil [635]. JP-1 is kerosene, while JP-5 is a specially refined kerosene, a high flash point kerosene [560]. Nevertheless, the products are similar enough that the reader is encouraged to see all these entries.

LAPIO (Low-API gravity fuel oil, a Heavy Type of #6 Fuel Oil)

None found.

Lead (Pb, Lead metal, Plumbum, CAS number 7439-92-1)

Lead metal [940,945]
Plumbum [940,945]
Olow (Polish) [940,945]
Pigment metal [940,945]
CI pigment metal 4 [940]
CI 77575 [940]
KS-4 [940]
Lead flake [940]
Lead S2 [940]
Pb-S 100 [940]

Mercury (Mercury in General, Hg, CAS number 7439-97-6)

Metallic mercury [617,940]
Quicksilver [617,940]
KWIK (DUTCH) [940]
LIQUID SILVER [940]
MERCURE (FRENCH) [940]
MERCURIO (ITALIAN) [940]
NCI-C60399 [940]
QUECKSILBER (GERMAN) [940]
Hydrargyrum [940]
COLLOIDAL MERCURY [940]

Mineral Oil Pharmaceuticals (CAS number 8012-95-1)

Mineral Oil [560]
White Oil [560]
Liquid Petroleum [560]
Adepsine oil [607]
Alboline [607]
Bayol 55 [607]
Bayol F [607]
Blandlube [607]
Crystol 325 [607]
Crystosol [607]
Glymol [607]
Kondremul [607]
Liquid Paraffin [607]
Neo-cultol [607]
Nujol [607]
Oil mist, mineral (ACGIH, OSHA) [607]

Paraffin oil [607]
Paroleine [607]
Petrogalar [607]
Primol 355 [607]
Primol D [607]
Saxol [607]
Flexon 845 [609]
Glymol [609]
Heavy liquid petrolatum [609]
Heavy mineral oil [609]
Irgawax 361 [609]
Kaydol [609]
Liquid petrolatum [609]
Liquid vaseline [609]
Petrolatum, liquid [609]
Primol D [609]
Shellflex 371N [609]
Sunpar 150 [609]
Ultrol 7 [609]
Uvasol [609]
White mineral oil [609]
White oils [609]
Balneol [609]
Blandlube [609]
Kondremul [609]
MagieSol 44 [609]
Mineral oils [609]
Neo-Cultol [609]
Paraffins [609]
Petrogalar [609]
Petrolatum, liq [609]
Agoral [609]
Alpha Keri [609]
Keri Lotion [609]
Crystosol [609]
Drakeol [609]
Fonoline [609]
Bayol 55 [609]
Molol [609]
Parol [609]
Peneteck [609]
Penreco [609]
Perfecta [609]
Primol 355 [609]
Protopet [609]
Tech Pet F [609]

Mineral Spirits (Mineral Oil Spirits, CAS number 64475-85-0)

Light Petrol [560]
Petroleum Spirits [560,607]
Shell Sol 140 [560]
Stoddard Solvent [560]
Varsol [560]

White Spirits [560]
AMSCO 140 [607]
Soltrol [607]
Soltrol 50 [607]
Soltrol 100 [607]
Soltrol 180 [607]

MTBE (t-butyl methyl ether, Methyl tertiary butyl ether, Methyl-Tert-Butyl-Ether, CAS number 1634-04-4)

2-Methoxy-2-methylpropane [609]
2-Methyl-2-methoxypropane [609]
Ether, tert-butyl methyl [609]
Methyl 1,1-dimethylethyl ether [609]
Methyl tert-butyl ether [609]
Propane, 2-methoxy-2-methyl- [609]
Tert-butyl methyl ether [609]
Methyl-tert-butyl ether [609]
MTBE [609]
T-butyl methyl ether [609]
tert-Butyl methyl ether [607]
2-Methoxy-2-methylpropane [607]
Methyl tert-butyl ether [607]
Methyl tert-butyl ether (DOT) [607]
Methyl 1,1-dimethylethyl ether [607]
Propane, 2-methoxy-2-methyl- (9CI) [607]
UN2398 (DOT) [607]

Naphthalene, 1,6,7-Trimethyl- (1,6,7-Trimethylnaphthalene, 1,6,7-Trimethyl naphthalene, CAS number 2245-38-7)

1,6,7-Trimethylnaphthalene
1,6,7-Trimethyl naphthalene

Naphthalene, 1-Methyl- (1-Methylnaphthalene, CAS number 90-12-0)

Alpha-methylnaphthalene [366,766]
Naphthalene, 1-methyl- [366]
Naphthalene, alpha-methyl [366,867]
FEMA NUMBER 3193 [366]

Naphthalene, 2,3,5-Trimethyl- (2,3,5-Trimethylnaphthalene, 2,3,5-Methyl naphthalene)

2,3,5-Trimethylnaphthalene
2,3,5-Methyl naphthalene

Naphthalene, 2,6-Dimethyl- (2,6-Dimethylnaphthalene, 2,6-Dimethyl naphthalene, CAS number 581-42-0)

None found.

Naphthalene, 2-Methyl- (2-Methylnaphthalene, CAS number 91-57-6)

Beta-methylnaphthalene [366,766]
Naphthalene, 2-methyl- [366]
Naphthalene, beta-methyl [366]

Naphthalene (CAS number 91-20-3)

Mothballs [366,620,766]
Camphor Tar [620]
Naphthaline [366,620]
Naphthene [366,620,766]
Naftalen (Polish) [366]
NCI-C52904 [366]
Albocarbon [366,766]
Dezodorator [366]
Moth Flakes [366,766]
Tar Camphor [366,766]
White Tar [366,766]
Naphthalin [366]

Naphthalene, C1- (C1-Naphthalene)

None found.

Naphthalene, C2- (C2-Naphthalene)

None found.

Naphthalene, C3- (C3-Naphthalene)

None found.

Naphthalene, C4- (C4-Naphthalene)

None found.

Nickel (Ni, CAS number 7440-02-0)

CI 77775 [940]
NI 0901-S [940]
RANEY NICKEL [940]
RCH 55/5 [940]
NI 0901-S (HARSHAW) [940]
NICHEL (ITALIAN) [940]
NICKEL SPONGE [940]
NP 2 [940]
NP-2 [940]
RANEY ALLOY [940]
NI 270 [940]
NI 4303T [940]
NI-4303T [940]
NICKEL 270 [940]
Nickel 200 [940]
Nickel 201 [940]
Nickel 205 [940]

Nickel 207 [940]
Carbonyl nickel powder [940]

Oil and Grease

None found.

Oil, New or Unused Motor Oil (New Crankcase Oil, Motor Oil)

Lubricating Oil (Virgin Crankcase Oil) [560]
Transmission Oil [560]
Motor Oil [560]
Crankcase Oil [560]
10W30 [560]
5W30 [560]
Auto Lube (new) [856]
Motor Oil Composite, unused [607]

Oil Spills (Petroleum Hydrocarbon Spills, Spilled Oil in General)

Not applicable.

Oil, Used Motor Oil (Used Crankcase Oil)

Used Motor Oil
Used Crankcase Oil
Waste Crankcase Oils (WCOs) [752]
Waste Oil
Lubricating Oil (Used Crankcase Oil) [560]
Used motor oil 10W30 [560]
Auto Lube (used) [856]
Mineral-based used crankcase oil [961].

PAHs, Alkyl Homologs of

Alkyl Homologs of PAHs
Alkylated PAHs
Homologous series of PAHs

PAHs as a group (Polycyclic Aromatic Hydrocarbons, also known as Polynuclear Aromatic Hydrocarbons, discussion includes alkyl PAHs)

polynuclear aromatic hydrocarbons [770]
polycyclic aromatic compounds [770]

Pentachlorophenol (PCP, CAS number 87-86-5)

PCP [940]
PENCHLOROL [940]
AI3-00134 [940]
Caswell No. 641 [940]
NCI-C55378 [940]
NCI-C56655 [940]
EPA Pesticide Chemical Code 063001 [940]

Pentachlorophenol (German) [940]
DOWICIDE 7 [940]
PERMASAN [940]
EP 30 [940]
FUNGIFEN [940]
GRUNDIER ARBEZOL [940]
LAUXTOL [940]
LIROPREM [940]
Chlon [940]
Dura Treet II [940]
Santophen 20 [940]
Woodtreat [940]
Dowicide EC-7 [940]
Penta Concentrate [940]
Penta Ready [940]
Penta WR [940]
Dowicide 7 Antimicrobial [940]
Forpen-50 Wood Preservative [940]
Ontrack WE Herbicide [940]
Ortho Triox Liquid Vegetation Killer [940]
Osiose Wood Preserving Compound [940]
Watershed Wood Preservative [940]
Weed and Brush Killer [940]

Perylene (CAS number 198-55-0)

Dibenz(de,kl)anthracene [365,609]
peri-Dinaphthalene [365,609]
Perilene [365]

Petroleum, General

Not applicable.

Petroleum Hydrocarbons expressed as Total Petroleum Hydrocarbons (TPH or TPHC)

Many methods have been referred to as TPH methods, with new ones being created as time goes along. Most of these methods are different from one another and therefore not synonyms (see TPH entry for details).

Phenanthrene/anthracene, C1- (C1-Phenanthrene/anthracene)

C1-Phenanthrenes + C1 Anthracenes

Phenanthrene/anthracene, C2- (C2-Phenanthrene/anthracene)

C2-Phenanthrenes + C2 Anthracenes

Phenanthrene/anthracene, C3- (C3-Phenanthrene/anthracene)

C3-Phenanthrenes + C3 Anthracenes

Phenanthrene/anthracene, C4- (C4-Phenanthrene/anthracene)

C3-Phenanthrenes + C4 Anthracenes

Phenanthrene, 1-Methyl- (1-Methylphenanthrene, CAS number 832-69-9)

1-Methylphenanthrene [847]
Phenanthrene, 1-Methyl- [847]

Phenanthrene (Phenanthren, CAS number 85-01-8)

Phenanthren (GERMAN) [366,847]
Phenantrin [847]

Pyrene (CAS number 129-00-0)

Benzo(d,e,f)phenanthrene [366]
Benzo(def)phenanthrene [366]
Beta-pyrene [366]

Selenium (Se, CAS number 7782-49-2)

Metallic Selenium [953]
CI 77805 [940]
ELEMENTAL SELENIUM [940]
SELEN (POLISH) [940]
SELENIUM (COLLOIDAL) [940]
SELENIUM ALLOY [940]
SELENIUM BASE [940]
SELENIUM DUST [940]
SELENIUM ELEMENTAL [940]
SELENIUM HOMOPOLYMER [940]
CASWELL NO. 732 [940]
EPA Pesticide Chemical Code 072001 [940]
Gray selenium [940]

Silver (Ag, CAS number 7440-22-4)

ARGENTUM [940]
SILBER (GERMAN) [940]
SILVER ATOM [940]
SILVER METAL [940]
L 3 [940]
SILFLAKE 135 [940]
SR 999 [940]
TCG 7R [940]
V 9 [940]
Algaedyn [940]
Silpowder 130 [940]
CI 77820 [940]
C I 77820 [940]
Caswell No 735 [940]
EPA pesticide chemical code 072501 [940]
Germany: C-Pigment 2 [940]

Silver, colloidal [940]
Shell silver [940]
Amalgum [940]

Strontium (Sr, CAS number 7440-24-6)

None found.

Tetrachloroethylene (Tetrachloroethylene, 1,1,2,2-; PERC;
Perchloroethylene, Tetrachloroethene; CAS number 127-18-4)

Perchloroethylene [617]
PCE [617]
(Note: other chemicals also use this acronym)
Tetrachloroethene [617]
Perk [617]
Perc [617]
Tetrachloroethylene, 1,1,2,2- [617]
1,1,2,2-TETRACHLOROETHYLENE [609]
CZTEROCHLOROETYLEN (POLISH) [609]
ETHENE, TETRACHLORO- [609]
ETHYLENE TETRACHLORIDE [609]
PERCHLOORETHYLEEN, PER (DUTCH) [609]
PERCHLORAETHYLEN, PER (GERMAN) [609]
PERCHLORETHYLENE [609]
PERCHLORETHYLENE, PER (FRENCH) [609]
PERCLOROETILENE (ITALIAN) [609]
TETRACHLOORETHEEN (DUTCH) [609]
TETRACHLORAETHEN (GERMAN) [609]
TETRACHLORETHYLENE [609]
TETRACLOROETENE (ITALIAN) [609]
AI3-01860 [609]
Ankilostin [609]
Didakene [609]
ENT 1,860 [609]
Ethylene, tetrachloro- [609]
Fedal-un [609]
NCI-C04580 [609]
Nema [609]
Perclene [609]
Persec [609]
Tetlen [609]
Tetracap [609]
Tetraleno [609]
Tetropil [609]
Antisal 1 [609]
Antisol 1 [609]
Dow-Per [609]
Fedal-Un [609]
Per [609]
Perawin [609]
Perchlor [609]
Percosolv [609]
Perklone [609]

Tetraguer [609]
Tetralex [609]
Tetravec [609]
Tetroguer [609]

Toluene (Methylbenzene, CAS number 108-88-3)

Antisal 1a [607]
RCRA waste number U220 [607]
Tolueno (Spanish) [607]
Tolu-sol [607]
Benzene, methyl- [609]
Methacide [609]
Methane, phenyl- [609]
Methylbenzene [609]
Methylbenzol [609]
Phenylmethane [609]
Tolueen (DUTCH) [609]
Toluen (CZECH) [609]
Toluol [609]
Toluolo (ITALIAN) [609]
Caswell no 859 [609]
NCI-C07272 [609]
UN1294 (DOT) [607]
CP 25 [609]

Trichloroethane, 1,1,1- (1,1,1-Trichloroethane, methyl chloroform, CAS number 71-55-6)

1,1,1-TRICHOLORETHAAN (DUTCH) [366]
1,1,1-TRICHLORAETHAN (GERMAN) [366]
1,1,1-TRICLOROETANO (ITALIAN) [366]
METHYLCHLOROFORM [366]
METHYLTRICHLOROMETHANE [366]
TRICHLORO-1,1,1-ETHANE (FRENCH) [366]
TRICHLOROETHANE [366]
TRIELENE [366]
CHLOROFORM, METHYL- [366]
ETHANE, 1,1,1-TRICHLORO- [366]
TCEA [366]
AI3-02061 [366]
Caswell No 875 [366]
ALPHA-TRICHLOROETHANE [366]
AEROTHENE TT [366]
ALGYLEN [366]
ALPHA-T [366]
BALTANA [366]
CF 2 [366]
CHLOROETHENE [366]
CHLOROETHANE-NU [366]
CHLOROTENE [366]
CHLOROTHANE NU [366]
CHLOROTHENE SM [366]
CHLOROTHENE VG [366]

CHLORTEN [366]
CHLORTHANE-NU [366]
CHLORYLEN [366]
GEMALGENE [366]
GENKLENE [366]
ICI-CF 2 [366]
INHIBISOL [366]
Dowclene LS [366]
Chlorothene (Inhibited) [366]
Chlorothene NU [366]
SOLVENT 111 [366]
TRI [366]
TRICHLORAN [366]
NCI-C04626 [366]
Aerothene MM [366]

NOTE: Only a few references (e.g. [369]) give TCA as a synonym for 1,1,1 trichloroethane, and many major references do not list TCA as a synonym (e.g. [365,366]). TCA is more often given as a synonym for several herbicides, so this acronym should be used with caution.

Caution: Although the acronym TCE has sometimes been applied to 1,1,1 Trichloroethane [366], TCE should probably not be encouraged as a synonym for this substance since it is more commonly applied to a related but different VOC: trichloroethylene.

Trichloroethylene (Trichloroethene, TCE, CAS number 79-01-6)

Caution: Although TCE is often used as an abbreviation/synonym for trichloroethylene, the reader is cautioned that TCE has also been used in referencing other common hazardous substances (1,1,1-Trichloroethane, for example).

TCE [617]
1,1,2-TRICHLOROETHYLENE [609]
1-CHLORO-2,2-DICHLOROETHYLENE [609]
ACETYLENE TRICHLORIDE [609]
ETHENE, TRICHLORO- [609]
ETHINYL TRICHLORIDE [609]
ETHYLENE TRICHLORIDE [609]
ETHYLENE, TRICHLORO- [609]
TRI [609]
TRICHLORETHYLENE [609]
Trichloroethene [609]
Trichlorethene (French) [609]
Trichlorethylene, tri (French) [609]
EPA Pesticide Chemical Code 081202 [609]
NSC 389 [609]
ALGYLEN [609]
ANAMENTH [609]
BENZINOL [609]

CECOLENE [609]
CHLORILEN [609]
DENSINFLUAT [609]
NCI-C04546 [609]
NIALK [609]
PERM-A-CHLOR [609]
PETZINOL [609]
PHILEX [609]
THRETHYLEN [609]
THRETHYLENE [609]
TRETHYLENE [609]
TRIKLONE [609]
TRILENE [609]
TRIMAR [609]
VESTROL [609]
Triclorete (Italian) [609]
Tricloroetilene (Italian) [609]
Trielina (Italian) [609]
AI3-00052 [609]
1,1-Dichloro-2-chloroethylene [609]
FLOCK FLIP [609]
FLUATE [609]
GERMALGENE [609]
LANADIN [609]
LETHURIN [609]
NARCOGEN [609]
NARKOSOID [609]
TRI-CLENE [609]
TRI-PLUS [609]
TRIASOL [609]
TRICHLORAN [609]
TRICHLOREN [609]
TRICLENE [609]
Trichloraethen (German) [609]
Trichloraethylen, tri (German) [609]
FLECK-FLIP [609]
Caswell No 876 [609]
Trielin [609]
Chlorylea [609]
Chorylen [609]
CirCosolv [609]
Crawhaspol [609]
Dow-Tri [609]
Dukeron [609]
Per-A-Clor [609]
Triad [609]
Trial [609]
TRI-Plus M [609]
Vitran [609]

Turpentine (CAS number 8006-64-2)

Oil of turpentine [609]
Oil of turpentine, rectified [609]

Spirit of turpentine [609]
Spirits of turpentine [609]
Terebenthine (French) [609]
Terpentin oel (German) [609]
Turpentine oil [609]
Turpentine oil, rectified [609]
Turpentine oil, rectifier [609]
Turpentine spirits [609]
Turpentine steam distilled [609]
Gum turpentine [607]
Turpentine (ACGIH,OSHA) [607]
Turpentine substitute (UN1300) (DOT) [607]
Turpentine (UN1299) (DOT) [607]
UN1299 (DOT) [607]
UN1300 (DOT) [607]
Wood turpentine [607]

Uranium (U, Uranium Metal, Uranium 238, Natural Uranium, CAS number 7440-61-1)

URANIUM I (238U) [940]
Uranium metal [617]

Vanadium (V, CAS number 7440-62-2)

None found.

Vinyl Chloride (VC, CAS number 75-01-4)

CHLORETHENE [609]
CHLORETHYLENE [609]
CHLOROETHENE [609]
CHLOROETHYLENE [609]
CHLORURE DE VINYLE (FRENCH) [609]
CLORURO DI VINILE (ITALIAN) [609]
ETHYLENE MONOCHLORIDE [609]
ETHYLENE, CHLORO- [609]
MONOCHLOROETHENE [609]
MONOCHLOROETHYLENE [609]
VC [609]
VCM [609]
VINILE (CLORURO DI) (ITALIAN) [609]
VINYL C MONOMER [609]
VINYL CHLORIDE MONOMER [609]
VINYLCHLORID (GERMAN) [609]
VINYLE(CHLORURE DE) (FRENCH) [609]
WINYLU CHLOREK (POLISH) [609]
Ethene, chloro- [609]
Trovidur [609]
Monovinyl chloride (MVC) [609]

Xylene, m- (m-Xylene, meta-Xylene, CAS number 108-38-3)

m-Dimethylbenzene [607]

1,3-Dimethylbenzene [607]
UN1307 (DOT) [607]
1,3-Xylene [607]
Benzene, 1,3-Dimethyl- [609]
m-XYLOL [609]
m-Methyltoluene [609]
AI3-08916 [609]

Xylene, o- (o-Xylene, ortho-xylene, CAS number 95-47-6)

o-Dimethylbenzene [607]
1,2-Dimethylbenzene [607]
o-Methyltoluene [607]
UN1307 (DOT) [607]
1,2-Xylene [607]
o-Xylene (ACGIH, DOT, OSHA) [607]
o-Xylol [607]
Benzene, 1,2-dimethyl- [609]
AI3-08197 [609]
2-Xylene [609]

Xylene, p- (p-Xylene, para-xylene, CAS number 106-42-3)

1,4-Dimethylbenzene [609]
1,4-Xylene [609]
Benzene, 1,4-dimethyl- [609]
p-Dimethylbenzene [609]
p-Methyltoluene [609]
Scintillar [609]
p-XYLOL [609]
AI3-52255 [609]

Xylenes, Total (Total Xylenes, Xylene Mixed Isomers, Methyl Toluene, Dimethylbenzene, Dimethyl Toluene, CAS number 1330-20-7)

AI3-02209-X [366]
Caswell No 906 [366]
Benzene, dimethyl- [366]
Dimethylbenzene [366]
EPA Pesticide Chemical Code 086802 [366]
Ksylen (POLISH) [366]
Xiloli (ITALIAN) [366]
Xylenen (DUTCH) [366]
Xylol [366]
Xylole (GERMAN) [366]
NCI-C55232 [366]
Methyltoluene [366]
Violet 3 [366]
Dimethylbenzene [580]
Xylene [580]

Zinc (Zn, CAS number 7440-66-6)

Zinc Dust [617,940]

Zinc Powder [617,940]
Pasco [617]
Merrillite [617,940]
ASARCO L 15 [940]
BLUE POWDER [940]
EMANAY ZINC DUST [940]
GRANULAR ZINC [940]
JASAD [940]