

Reference Material

F code constituents:

F001	<p>The following spent halogenated solvents used in degreasing: Tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures</p>
F002	<p>The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures</p>
F003	<p>The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures</p>
F004	<p>The following spent non-halogenated solvents: o,m and p-Cresols , cresylic acid, and nitrobenzene; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures</p>
F005	<p>The following spent non-halogenated solvents: Toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures</p>

LDR Subcategories:

D001 – High TOC ignitable liquids

D001 – Low TOC liquids managed in CWA / CWA equivalent system

D001 – Low TOC liquids managed in non-CWA / non-CWA equivalent system

D006 – Characteristic for cadmium

D008 – Characteristic for lead

D009 – Low mercury (<260 ppm total mercury)

U240 – 2,4-D (2,4-dichlorophenoxy acetic acid)

U240 – 2,4-D & salts

P047 – 4,6-dinitro-o-cresol

P047 – 4,6-dinitro-o-cresol & salts

Underlying Hazardous Constituents

Chemical Name

(must be listed if above treatment standard value listed in 268.2)

A2213 CAS # 30558-43-1
ACETIC ACID, CHLORIDE
ACETIC ACID, THALLIUM(1+) SALT
ACETO TMTM
ACETONITRILE
ACETOPHENONE
1-ACETYL-2-THIOUREA
2-ACETYLAMINOFLUORENE
ACROLEIN
ACRYLAMIDE
ACRYLONITRILE
AFLATOXINS
ALDICARB
ALDRIN
ALLYL ALCOHOL
ALLYL CHLORIDE
ALPHA-NAPHTHYLAMINE
ALUMINUM PHOSPHIDE
4-AMINOBIPHENYL
5-(AMINOMETHYL)-3-ISOXAZOLOL
2-AMINONAPHTHALENE
1-AMINOPROPANE
AMITROLE
AMMONIUM METAVANADATE
ANILINE
ANTIMONY
ANTIMONY COMPOUNDS
ANTU
ARAMITE
ARSENIC
ARSENIC (ORGANIC OR INORGANIC COMPOUNDS)
ARSENIC ACID
ARSENIC OXIDE (3)
ARSENIC PENTOXIDE
ARSINE, DIETHYL-
AURAMINE
AZASERINE
BARBAN
BARIUM
BARIUM COMPOUNDS

BARIUM CYANIDE
BENDIOCARB
BENDIOCARB PHENOL
BENOMYL
BENZ(A)ANTHRACENE
BENZAL CHLORIDE
BENZENE
BENZENEARSONIC ACID
BENZENETHIOL
BENZIDINE
BENZO(A)PYRENE
BENZO(B)FLUORANTHENE
BENZO(K)FLUORANTHENE
BENZOIC TRICHLORIDE
BENZO[J]FLUORANTHENE
BENZYL BUTYL PHTHALATE
BENZYL CHLORIDE
BENZ[C]ACRIDINE
BERYLLIUM
BERYLLIUM COMPOUNDS
1,1'-BI(ETHYLENE OXIDE)
(1,1'-BIPHENYL)-4,4'-DIAMINE, 3,3'-DIMETHYL-
BIS (PENTAMETHYLENE)-THIURAM TETRASULFIDE
BIS(2-CHLORO-1-METHYLETHYL) ETHER
BIS(2-CHLOROETHOXY)METHANE
BIS(2-CHLOROETHYL) ETHER
BIS(2-ETHYLHEXYL)PHTHALATE
BIS(CHLOROMETHYL) ETHER
BROMOACETONE
4-BROMOPHENYL PHENYL ETHER
BRUCINE
BUTYLATE
CACODYLIC ACID
CADMIUM
CADMIUM COMPOUNDS
CALCIUM CHROMATE
CALCIUM CYANIDE
CAMPHECHLOR
CARBAMIC ACID, DIETHYLDITHIO-, SODIUM SALT
CARBAMIC ACID, METHYL-, O-((2,4-DIMETHYL-1, 3-DITHIOLAN-2-Y-METHYLENE)AMINO)-
CARBARYL
CARBENDAZIM
CARBOFURAN
CARBON DISULFIDE
CARBON TETRACHLORIDE
CARBONYL FLUORIDE
CHINORTA
2-CHLOR-1,3-BUTADIENE
4-CHLOR-M-CRESOL
CHLORAMBUCIL

CHLORDANE
CHLORDECONE (KEPONE)
CHLORINATED BENZENES
CHLORINATED ETHANE BYPRODUCT RESIDUES
CHLORINATED NAPHTHALENE
CHLORINATED PHENOLS,NOS1
CHLOROACETALDEHYDE
CHLOROALKYL ETHERS
CHLOROBENZENE
CHLOROBENZILATE
2-CHLOROETHYL VINYL ETHER
CHLOROFLUOROCARBONS
CHLOROFORM
CHLOROMETHANE
CHLOROMETHYL METHYL ETHER
2-CHLORONAPHTHALENE
2-CHLOROPHENOL
3-CHLOROPROPIONITRILE
CHROMIUM
CHROMIUM COMPOUNDS
CHRYSENE
CIANURO DE NIQUEL
CITRUS RED NO.2
COAL TARS
COPPER CYANIDE
COPPERDIMETHYLDITHIOCARBAMATE
CREOSOTES
CRESOL (MIXED ISOMERS)
CROTONALDEHYDE
CYANOGEN
CYANOGEN BROMIDE
CYANOGEN CHLORIDE
CYCASIN
CYCLOATE
CYCLOPHOSPHAMIDE
2,4-D
2,4-D, SALTS, ESTERS
DAUNOMYCIN
DAZOMET
DDD
DDE
DDT
DI-N-OCTYL PHTHALATE
DI-N-PROPYLNITROSAMINE
DIALATE
2,4-DIAMINOTOLUENE
2,6-DIAMINOTOLUENE
3,4-DIAMINOTOLUENE
DIAMINOTOLUENE (MIXED ISOMERS)
DIBENZ(A,H)ANTHRACENE

DIBENZO[A,E]PYRENE
DIBENZO[A,H]PYRENE
DIBENZO[A,I]PYRENE
DIBENZ[A,H]ACRIDINE
DIBENZ[A,J]ACRIDINE
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
1,2-DIBROMOETHANE
DIBUTYL PHTHALATE
((DIBUTYLAMINO)THIO)METHYLCARBAMIC ACID, 2,2-DIMETHYL-2,3-DIHYDRO-7-BENZOFURANYL ESTER
2,6-DICHLORFENOL
1,4-DICHLORO-2-BUTENE
1,4-DICHLOROBENZENE
1,3-DICHLOROBENZENE
1,2-DICHLOROBENZENE
DICHLOROBENZENE (MIXED ISOMERS)
3,3'-DICHLOROBENZIDINE
DICHLORODIFLUOROMETHANE
1,1-DICHLOROETHANE
1,2-DICHLOROETHANE
1,1-DICHLOROETHYLENE
DICHLOROMETHANE
2,4-DICHLOROPHENOL
DICHLOROPHENYLARSINE
DICHLOROPROPANE
1,2-DICHLOROPROPANE
DICHLOROPROPANOL,NOS1
1,3-DICHLOROPROPENE (MIXED ISOMERS)
DIELDRIN
DIETHYL PHTHALATE
DIETHYLENE GLYCOL,DICARBAMATE
1,2-DIETHYLHYDRAZINE
DIETHYLSTILBESTROL
1,4-DIHYDRO-1,4-DIKETONAPHTHALENE
2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANOL
DIHYDROSAFROLE
DIISOPROPYLFLUOROPHOSPHATE
DIMETHOATE
3,3'-DIMETHOXYBENZIDINE
1,1-DIMETHYL HYDRAZINE
DIMETHYL PHTHALATE
DIMETHYL SULFATE
1,1-DIMETHYL-2-PHENYLETHYLAMINE
4-DIMETHYLAMINOAZOBENZENE
7,12-DIMETHYLBENZ(A)ANTHRACENE
DIMETHYLCARBAMOYL CHLORIDE
1,2-DIMETHYLHYDRAZINE
2,4-DIMETHYLPHENOL
DIMETILAN
2,4-DINITRO-6-CYCLOHEXYL PHENOL
4,6-DINITRO-O-CRESOL

4,6-DINITRO-O-CRESOL SALTS
DINITROBENZENE
DINITROBUTYL PHENOL
2,4-DINITROPHENOL
2,4-DINITROTOLUENE
2,6-DINITROTOLUENE
1,4-DIOXANE
DIPHENYLAMINE
1,2-DIPHENYLHYDRAZINE
DISULFIRAM
DISULFOTON
DITHALLIUM TRIOXIDE
DITHIOBIURET
ENDOSULFAN
ENDOTHALL
ENDRIN
ENDRIN METABOLITES
EPICHLOROHYDRIN
EPINEPHRINE
1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)-
ETHYL CYANIDE
ETHYL DIPROPYLTHIOCARBAMATE
ETHYL METHANESULFONATE
ETHYL PHOSPHOROTHIOATE ((ETO)3PS)
ETHYL ZIRAM
ETHYLENE GLYCOL MONOETHYL ETHER
ETHYLENE OXIDE
ETHYLENE THIOUREA
ETHYLENEBISDITHIOCARBAMIC ACID, SALTS AND ESTERS
ETHYLENEIMINE
FAMPHUR
FERBAM
FLUORANTHENE
FLUORINE
FLUOROACETAMIDE
FLUOROACETIC ACID, SODIUM SALT
FORMALDEHYDE
FORMETANATE HYDROCHLORIDE
FORMIC ACID
FORMPARANATE
FULMINATE DE MERCURE
GAMMA-LINDANE
GLYCIDALDEHYDE
7H-DIBENZO[C,G]CARBAZOLE
HALOMETHANES
HEPTACHLOR
HEPTACHLOR EPOXIDE
HEPTACHLORODIBENZO-P-DIOXINS
HEPTACHLORODIBENZOFURAN
HEXACHLORO-1,3-BUTADIENE

1,1,2,3,3,3-HEXACHLORO-1-PROPENE
HEXACHLOROBENZENE
HEXACHLOROCYCLOPENTADIENE
HEXACHLORODIBENZODIOXIN
HEXACHLORODIBENZOFURAN
HEXACHLOROETHANE
HEXACHLOROPHENE (HCP)
HEXAETHYL TETRAPHOSPHATE AND COMPRESSED GAS MIXTURE
HYDRAZINE
HYDROFLUORIC ACID
HYDROGEN CYANIDE
HYDROGEN SULFIDE
INDENO(1,2,3-CD)PYRENE
3-IODO-2-PROPYNYL BUTYLCARBAMATE
ISODRIN
ISOPROPYLMETHYLPYRAZOLYL DIMETHYLCARBAMATE
ISOSAFROLE
LASIOCARPINE
LEAD
LEAD ACETATE
LEAD COMPOUNDS
LEAD PHOSPHATE
LEAD SUBACETATE
MALEIC ANHYDRIDE
MALONONITRILE
MANGANESEDIMETHYLDITHIOCARBAMATE
MECHLORETHAMINE
MELPHALAN
MERCAPTODIMETHUR
MERCURY
MERCURY COMPOUNDS
2-MESYL-2-METHYLPROPIONALDEHYDE O-METHYLCARBAMOYLOXIME
METHACRYLONITRILE
METHAM SODIUM
METHANAMINE, N-METHYL-N-NITROSO
METHANETHIOL
METHOMYL
METHOXYCHLOR
METHYL BROMIDE
METHYL CHLOROCARBONATE
METHYL ETHYL KETONE
METHYL ETHYL KETONE PEROXIDE
METHYL ETHYL PHOSPHORODITHIOATE (ETO)-2(MES)PS
METHYL HYDRAZINE
METHYL IODIDE
METHYL ISOCYANATE
METHYL METHACRYLATE
METHYL METHANESULFONATE
METHYL PARATHION
1-METHYL-1-NITROSO-3-NITROGUANIDINE

2-METHYL-1-PROPANOL
2-METHYL-2-PROPENOIC ACID, ETHYL ESTER
3-METHYLCHLORANTHRENE
METHYLENE BROMIDE
4,4'-METHYLENEBIS(2-CHLOROANILINE)
2-METHYLLACTONITRILE
2-METHYLPYRIDINE
METHYLTHIOURACIL
METOLCARB
MEXACARBATE
MITOMYCIN C
MOLINATE
MUSTARD GAS
N,N-BIS(2-CHLOROETHYL)-2-NAPHTHYLAMINE (CHLORNAPAZINE)
N-ETHYL-N-NITROSOUREA
N-NITROSO-N-METHYLUREA
N-NITROSO-N-METHYLURETHANE
N-NITROSODI-N-BUTYLAMINE
N-NITROSODIETHANOLAMINE
N-NITROSODIETHYLAMINE
N-NITROSOMETHYLETHYLAMINE
N-NITROSOMETHYLVINYLAMINE
N-NITROSOMORPHOLINE
N-NITROSONORNICOTINE
N-NITROSOPIPERIDINE
N-NITROSOPYRROLIDINE
N-NITROSOSARCOSINE
NAPHTHALENE
NICKEL
NICKEL CARBONYL
NICKEL COMPOUNDS
NICOTINE AND SALTS
NITRIC ACID, THALLIUM(1+) SALT
NITRIC OXIDE
5-NITRO-O-TOLUIDINE
NITROBENZENE
NITROGEN DIOXIDE
NITROGEN MUSTARD N-OXIDE
NITROGEN MUSTARD, N-OXIDE, HYDRO-CHLORIDE SALT
NITROGLYCERIN
4-NITROPHENOL
2-NITROPROPANE
NITROSAMINES
O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE
O-TOLUIDINE
O-TOLUIDINE HYDROCHLORIDE
OCTAMETHYLDIPHOSPHORAMIDE
OSMIUM OXIDE OSO4 (T-4)
OXAMYL
P-CHLOROANILINE

P-NITROANILINE
P-TOLUIDINE
PARALDEHYDE
PARATHION
PEBULATE
PENTACHLOROBENZENE
PENTACHLORODIBENZO-P-DIOXIN
PENTACHLORODIBENZOFURAN
PENTACHLOROETHANE
PENTACHLOROPHENOL
PHENACETIN
PHENOL
PHENOL, 3-(1-METHYLETHYL)-, METHYLCARBAMATE
PHENYLENEDIAMINE
PHENYLMERCURIC ACETATE
PHENYLTHIOUREA
PHORATE
PHOSGENE
PHOSPHINE
PHTHALIC ACID ESTERS,NOS1
PHTHALIC ANHYDRIDE
PHYSOSTIGMINE
PHYSOSTIGMINE, SALICYLATE (1:1)
POLYCHLORINATED BIPHENYLS
POTASSIUM CYANIDE
POTASSIUM DIMETHYLDITHIOCARBAMATE
POTASSIUM HYROXYMETHYL-N-METHYL-DITHIOCARBAMATE
POTASSIUM N-METHYLDITHIOCARBAMATE
POTASSIUM SILVER CYANIDE
POTASSIUMPENTACHLOROPHENATE
PROMECARB
PRONAMIDE
PROPANE SULTONE
PROPARGYL ALCOHOL
PROPHAM
PROPOXUR
PROPYLENEIMINE
PROPYLTHIOURACIL
PROSULFOCARB
PYRIDINE
PYRIDINE, 4-AMINO-
QUINONE
QUINTOZENE
RESERPINE
RESORCINOL
SACCHARIN
SAFROLE
SELENIOUS ACID
SELENIUM
SELENIUM COMPOUNDS

SELENIUM SULFIDE
SELENIUM, TETRAKIS(DIMETHYL-DITHIOCARBAMATE
2-SELENOUREA
SILVER
SILVER COMPOUNDS
SILVER CYANIDE
SODIUM CYANIDE
SODIUM DIMETHYLDITHIOCARBAMATE
SODIUM PENTACHLOROPHENATE
SODIUMDIBUTYLDITHIOCARBAMATE
STREPTOZOTOCIN
STRYCHNINE
SULFALLATE
SULFOTEP
2,4,5-T
TEPP
TETRABUTYLTHIURAMDISULFIDE
1,2,4,5-TETRACHLOROBENZOL
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN (TCDD)
TETRACHLORODIBENZOFURAN
1,1,1,2-TETRACHLOROETHANE
1,1,2,2-TETRACHLOROETHANE
TETRACHLOROETHYLENE
2,3,4,6-TETRACHLOROPHENOL
2,3,4,6-TETRACHLOROPHENOL,POTASSIUM SALT
2,3,4,6-TETRACHLOROPHENOL,SODIUM SALT
TETRAETHYLLEAD
1,2,3,6-TETRAHYDRO-3,6-DIOXOPYRIDAZINE
TETRANITROMETHANE
THALLIUM
THALLIUM CHLORIDE TLCL
THALLIUM COMPOUNDS
THALLIUM SELENIDE
THALLIUM(I) CARBONATE
THALLIUM(I) SULFATE
THIOACETAMIDE
THIODICARB
THIOFANOX
THIOPHANATE-METHYL
THIOSEMICARBAZIDE
THIOUREA
THIOUREA, (2-CHLOROPHENYL)-
THIRAM
TOLUENE
TOLUENE DIISOCYANATE (MIXED ISOMERS)
2,4,5-TP ACID (SILVEX)
1,2-TRANS-DICHLOROETHYLENE
TRIALATE
TRIBROMOMETHANE
2,2,2-TRICHLOROACETALDEHYDE

1,2,4-TRICHLOROBENZENE
1,1,2-TRICHLOROETHANE
1,1,1-TRICHLOROETHANE
TRICHLOROETHYLENE
TRICHLOROFLUOROMETHANE
TRICHLOROMETHANETHIOL
2,4,6-TRICHLOROPHENOL
2,4,5-TRICHLOROPHENOL
1,2,3-TRICHLOROPROPANE
TRIETHYLAMINE
1,3,5-TRINITROBENZENE
TRIS(1-AZIRIDINYL) PHOSPHINE SULFIDE (THIOTEPA)
TRIS(2,3-DIBROMOPROPYL) PHOSPHATE
TRYPAN BLUE
URACIL MUSTARD
URETHANE
VANADIUM OXIDE (5)
VERNOLATE
VINYL CHLORIDE
WARFARIN AND SALTS
ZINC CYANIDE
ZINC PHOSPHIDE
ZIRAM