

DRAIN DISPOSAL OF CHEMICALS

Please refer to the [Hazardous Waste Management Procedure](#) for chemicals acceptable for drain disposal.

The following materials should never be drain disposed:

- Any waste chemical that meets the EPA's criteria for being hazardous, either as a listed or characteristic waste
- Oil, grease, or other water insoluble chemicals
- Materials that are not biodegradable or would pass through the sewage treatment plant into the New Haven harbor and be toxic to aquatic organisms or accumulate in harbor sediments
- Flammable and combustible solvents (flashpoints less than 140°F) (unless sufficiently diluted in water as part of the laboratory process such that the solution has a flashpoint greater than 140°F)
- Discharges with a pH below 5.5 or higher than 9.5
- Materials that could interfere with the biological processes of sewage treatment or would contaminate the sludge-making disposal through the normal methods difficult or impossible
- All compounds that could result in the presence of toxic gases or vapors within the POTW in a quantity that may cause acute worker health and safety problems
- Malodorous compounds or volatile organic chemicals that can escape from the plumbing system (such as dry traps) causing exposures or obnoxious odors (such as mercaptans or thiols)
- Metallic ions and salts of the heavy metals in solutions or suspension
- Organic compounds other than as specified in Section 3.6.2 of the Management of Hazardous Waste Procedure document
- Pesticides or solutions containing pesticides
- Chemicals, including rinsate from rinsing their empty containers with water, prohibited from drain disposal by CTDEEP (see following list)

Alphabetical List of Chemicals Prohibited from Drain Disposal

Name of Compound	CAS Number	Name of Compound	CAS Number
Acenaphthene	83-32-9	Benzonitrile	100-47-0
Acenaphthylene	208-96-8	Benzyl chloride	100-44-7
Acetaldehyde	75-07-0	Beryllium and compounds	7440-41-7 ²
Acrolein	107-02-8	Beta-BHC	319-85-7
Acrylonitrile	107-13-1	Bis(2-chloroethoxy)methane	111-91-1
Aldrin	309-00-2	Bis(2-chloroethyl)ether	111-44-4
Aldrin/Dieldrin	309-00-2/60-57-1	Bis(2-chloroisopropyl)ether	108-60-1
Allyl alcohol	107-18-6	Bis(2-ethylhexyl)phthalate	117-81-7
Allyl chloride	107-05-1	Bromoform	75-25-2
Alpha-BHC	319-84-6	Bromophenylphenyl ether	101-55-3
Alpha-endosulfan	959-98-8	Butyl acetate	123-86-4
Amyl acetate	628-63-7	Butylamine	109-73-9
Aniline	62-53-3	Butylbenzyl phthalate	85-68-7
Anthracene	120-12-7	Cadmium and compounds	7440-43-9 ³
Antimony and compounds	7440-36-0	Captan	133-06-2
Arsenic and compounds	7440-38-2 ¹	Carbaryl	63-25-2
Asbestos	132207-33-1	Carbofuran	1563-66-2
Beta-endosulfan	33213-65-9	Carbon disulfide	75-15-0
Benzene	71-43-2	Carbon tetrachloride	56-23-5
Benzidine	92-87-5	Chlordane	57-74-9
Benzo(a)anthracene	56-55-3	Chlordane (technical mixture and metabolites)	12789-03-6
Benzo(a)pyrene	50-32-8	Chlorinated benzenes (other than dichlorobenzenes)	N/A
3,4-Benzofluoranthene	205-99-2	Chlorinated ethanes (including 1,2- dichloroethane, 1,1,1-trichloroethane, and hexachloroethane)	N/A
Benzo(ghi)perylene	191-24-2	Chlorinated naphthalene	--
Benzo(k)fluoranthene	207-08-9	Chlorinated phenols (other than those listed elsewhere; includes trichlorophenols and chlorinated cresols)	1336-35-2

Alphabetical List of Chemicals Prohibited from Drain Disposal

Name of Compound	CAS Number	Name of Compound	CAS Number
Chloroalkyl ethers (chloromethyl, chloroethyl, and mixed ethers)	N/A	Dicamba	1918-00-9
Chlorobenzene	108-90-7	Dichlobenil	1194-65-6
Chlorodibromomethane	124-48-1	Dichlone	117-80-6
Chloroethane	75-00-3	Dichlorobenzenes (1,2-1,3-, and 1,4-dichlorobenzenes)	25321-22-6
2-Chloroethylvinyl ether	110-75-8	1,2-Dichlorobenzene	95-50-1
Chloroform	67-66-3	1,3-Dichlorobenzene	541-73-1
2-Chlorophenol	95-57-8	1,4-Dichlorobenzene	106-46-7
2-Chloronaphthalene	91-58-7	Dichlorobenzidine	1331-47-1
4-Chlorophenyl phenyl ether	7005-72-3	3,3-Dichlorobenzidine	91-94-1
Chlorpyrifos	2921-88-2	Dichlorobromomethane	75-27-4
Chromium, Hexavalent	185540-29-9	1,1-Dichloroethane	75-34-3
Chromium and compounds	7440-47-3 ⁴	1,2-Dichloroethane	107-06-2
Chrysene	218-01-9	Dichloroethylenes (1,1-and 1,2-dichloroethylene)	540-59-0
Copper and compounds	7440-50-8 ⁵	1,1-Dichloroethylene	75-35-4
Coumaphos	56-72-4	2,4-Dichlorophenol	120-83-2
Cresol	1319-77-3	2,4-Dichlorophenoxy acetic acid)	94-75-7
Crotonaldehyde	4170-30-3	Dichloropropane	26638-19-7
Cyanides	57-12-5	1,2-Dichloropropane	78-87-5
Cyclohexane	110-82-7	Dichloropropene	26952-23-8
4,4-DDD	72-54-8	2,2-Dichloropropionic acid	75-99-0
4,4-DDE	72-55-9	1,3-Dichloropropylene	542-75-6
4,4-DDT	50-29-5	Dichlorvos	62-73-7
DDT and metabolites	50-29-3 ⁶	Dieldrin	60-57-1
Delta-BHC	319-86-8	Diethyl amine	109-89-7
Diazinon	333-41-5	Diethyl phthalate	84-66-2
Dibenzo(a,H)anthracene	53-70-3	Dimethyl amine	124-40-3

Alphabetical List of Chemicals Prohibited from Drain Disposal

Name of Compound	CAS Number	Name of Compound	CAS Number
Dimethyl phthalate	131-11-3	Ethion	563-12-2
2,4-Dimethylphenol	105-67-9	Ethylbenzene	100-41-4
Di-n-butyl phthalate	84-74-2	Ethylene diamine	107-15-3
Di-n-octyl phthalate	117-84-0	Ethylene dibromide	106-93-4
4,6-Dinitro-o-cresol	534-52-1	Fluorene	86-73-7
Dinitrobenzene	99-65-0	Fluroranthene	206-44-0
2,4-Dinitrophenol	51-28-5	Formaldehyde	50-00-0
Dinitrotoluene	25321-14-6	Furfural	98-01-1
2,4-Dinitrotoluene	121-14-2	Gamma-BHC	58-89-9
2,6-Dinitrotoluene	606-20-2	Guthion	86-50-0
Diphenylhydrazine	38622-18-3	Haloethers (other than those listed elsewhere; includes chlorophenylphenyl ethers, includes bromophenylphenyl ether, bis(dischloroisopropyl) ether, bis-(chloroethoxy) methane and polychlorinated diphenyl ethers)	N/A
1,2-Diphenylhydrazine (as azobenzene)	103-33-3	Halomethanes (other than those listed elsewhere; includes methylene chloride, methylchloride, methylbromide, bromoform, dichlorobromomethane, trichlorofluoromethane, dichlorodifluoromethane)	N/A
Diquat	231-36-7	Heptachlor and metabolites	76-44-8
Disulfoton	298-04-4	Heptachlor epoxide	1024-57-3
Diuron	330-54-1	Hexachlorobenzene	118-74-1
Endosulfan and metabolites	115-29-7	Hexachlorobutadiene	87-68-3
Endosulfan sulfate	1031-07-8	Hexachlorocyclohexane (all isomers)	--
Endrin aldehyde	7421-93-4	Hexachlorocyclopentadiene	77-47-4
Endrin and metabolites	72-20-8	Hexachloroethane	67-72-1
Epichlorohydrin	106-89-8	Indeno(1,2,3-cd)pyrene	193-39-5
Ethanolamine	141-43-5	Isophorone	78-59-1
		Isoprene	78-79-5

Alphabetical List of Chemicals Prohibited from Drain Disposal

Name of Compound	CAS Number	Name of Compound	CAS Number
Isopropanolamine	78-96-6	4-Nitrophenol	100-02-7
Kelthane	115-32-2	Nitrophenols (including 2, 4 dinitrophenol, dinitrocresol)	--
Kepone	143-50-0	Nitrotoluene	1321-12-6
Lead, Total	7439-92-1	Nitrosamines	35576-91-1
Malathion	121-75-5	P-chloro-m-cresol	59-50-7
Mercaptodimethur	2032-65-7	Parathion	56-38-2
Mercury and compounds	7439-97-6	PCB-1016	12674-11-2
Methoxychlor	72-43-5	PCB-1221	11104-28-2
Methyl mercaptan	74-93-1	PCB-1232	14975-23-6
Methyl methacrylate	80-62-6	PCB-1242	53469-21-9
Methyl parathion	298-00-0	PCB-1248	12672-29-6
Methylbromide	74-83-9	PCB-1254	11097-69-1
Methylchloride	74-87-3	PCB-1260	11096-82-5
Methylene chloride	75-09-2	Pentachlorophenol	87-86-5
Mevinphos	7786-34-7	Phenanthrene	85-01-8
Mexacarbate	315-18-4	Phenol	108-95-2
Monoethyl amine	75-04-7	Phenols, Total	64743-03-9
Monomethyl amine	74-89-5	Phenolsulfanate	--
N-nitrosodimethylamine	62-75-9	Phosgene	75-44-5
N-nitrosodi-n-propylamine	621-64-7	Phthalate esters	*
N-nitrosodiphenylamine	86-30-6	Polynuclear aromatic hydrocarbons (including benzantracenes, benzopyrenes, benzofluoranthene, chrysenes, dibenzanthracenes, and indenopyrenes)	
Naled	300-76-5	Propargite	2312-35-8
Naphthalene	91-20-3	Propylene oxide	75-56-9
Napthenic acid	1338-24-5	Pyrene	129-00-0
Nickel and compounds	7440-02-0 ⁸	Pyrethrins	8003-34-7
2-Nitrophenol	88-75-5	Quinoline	91-22-5

Alphabetical List of Chemicals Prohibited from Drain Disposal

Name of Compound	CAS Number	Name of Compound	CAS Number
Resorcinol	108-46-3	1,1,2-Trichloroethane	79-00-5
Selenium and compounds	7782-49-2	Trichloroethylene	79-01-6
Silver and compounds	7440-22-4 ⁹	Trichlorofan	--
Strontium	7440-24-6	2,4,6-Trichlorophenol	88-06-2
Strychnine	57-24-9	2,4,5-TP [2-(2,4,5-Trichlorophenoxy)]	93-72-1
Styrene	100-42-5	2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)	93-76-5
TDE (Tetrachlorodiphenylethane)	72-54-8	Triethylamine	121-44-8
2,3,7,8 - Tetrachlorodibenzo-p-dioxin (TCDD)	1746-01-6	Trimethylamine	75-50-3
1,1,2,2-Tetrachloroethane	79-34-5	Uranium	7440-61-1
Tetrachloroethylene	127-18-4	Vanadium	7440-62-2
Thallium and compounds	7440-28-0 ¹⁰	Vinyl acetate	108-05-4
Toluene	108-88-3	Vinyl Chloride	75-01-4
Toxaphene	8001-35-2	Xylene	1330-20-7
1,2-Trans-dichloroethylene	156-60-5	Xylenol	1300-71-6
1,24-Trichlorobenzene	120-82-1	Zinc and compounds	7440-66-6 ¹¹
1,1,1-Trichloroethane	71-55-6	Zirconium	7440-67-7

¹CAS number is only for pure arsenic.

²CAS number is for only for pure beryllium.

³CAS number is only for pure cadmium.

⁴CAS number is only for pure chromium.

⁵CAS number is only for pure copper.

⁶CAS number is only for pure DDT.

⁷CAS number is only for pure heptachlor.

⁸CAS number is only for pure nickel.

⁹CAS number is only for pure silver.

¹⁰CAS number is only for pure thallium.

¹¹CAS number is only for pure zinc.