

APPENDIX A

CHEMICALS NOT SUITABLE FOR DRAIN DISPOSAL

These chemicals may not be drain disposed in any amount:

Listed are examples, this is not an all-inclusive list

ORGANIC CHEMICALS

All alkanes and water-insoluble hydrocarbons		All chlorinated and brominated hydrocarbons
Hexane	Phenolic compounds	Methyl Bromide
Benzene	Xylene	Heptachlor
Cyclohexene	Toluene	Ethidium Bromide
Ethyl ether		Bromoform
Pentane		
Heptane		
Chlorinated hydrocarbons		
Chloroform		Tetrachloroethylene
Carbon tetrachloride		Trichloroethane
Methylene chloride		Trichloroethylene
PCBs		
Chlorofluorocarbons (freons, halons)		
EPA Priority Pollutants (See below)		

INORGANIC CHEMICALS

CHEMICALS CONTAINING THE FOLLOWING METALS AND COMPOUNDS	
Antimony	Lead
Arsenic (+ Arsenate and Arsenite)	Mercury
Beryllium	Nickel
Cadmium	Selenium
Chromium (+ Chromate and Dichromate)	Silver (+ Photographic Fixer)
Copper	Thallium
Cyanides, Cyanates, and Thiocyanates	Zinc
SPECIFIC COMMONLY USED INORGANIC CHEMICALS	
Sodium azide	Sodium cyanide
Chromium glassware cleaners: Chromerge®, chromium trioxide/sulfuric acid solution	

APPENDIX A (CON'T): CHEMICALS NOT SUITABLE FOR DRAIN DISPOSAL

EPA Priority Pollutants (40CFR Part 122 Appendix D, Tables II and III)

Table II - Organic Toxic Pollutants

VOLATILES

acrolein	acrylonitrile
benzene	bromoform
carbon tetrachloride	chlorobenzene
chlorodibromomethane	chloroethane
2-chloroethylvinyl ether	chloroform
dichlorobromoethane	1,1-dichloroethane
1,2-dichloroethane	1,1-dichloroethylene
1,2-dichloropropane	1,3-dichloropropylene
ethylbenzene	methyl bromide
methyl chloride	methylene chloride
1,1,2-tetrachloroethane	tetrachloroethylene
toluene	1,2-trans-dichloroethylene
1,1,1-trichloroethane	1,1,2-trichloroethane
trichlorethylene	vinyl chloride

ACID COMPOUNDS

2-chlorophenol	2,4-dichlorophenol
2,4-dimethylphenol	4,6-dinitro-o-cresol
2,4-dinitrophenol	2-nitrophenol
4-nitrophenol	p-chloro-m-cresol
pentachlorophenol	phenol
2,4,6-trichlorophenol	

PESTICIDES

aldrin	alpha-BHC
beta-BHC	gamma-BHC
delta-BHC	chlordane
4,4'-DDT	4,4'DDE
4,4'-DDD	dieldrin
alpha-endosulfan	beta-endosulfan
endosulfan sulfate	endrin
endrin aldehyde	heptachlor
heptachlor epoxide	PCB-1242
PCB-1254	PCB-1221
PCB-1232	PCB-1248
PCB-1260	PCB-1016
toxaphene	

APPENDIX A (CON'T) CHEMICALS NOT SUITABLE FOR DRAIN DISPOSAL

Table II-Organic Toxic Pollutants (Con't)

BASE/NEUTRAL

acenaphthene	acenaphthylene
benzidine	benzo(a)anthracene
benzo(a)pyrene	3,4-benzofluoranthene
benzo(ghi)perylene	benzo(k)fluoranthene
bis(2-chloroethoxyl)methane	bis(2-chloroethyl)ether
bis(2-chloroisopropyl)ether	bis(2-ethylhexyl)phthalate
4-bromophenyl phenyl ether	butylbenzyl phthalate
2-chloronaphthalene	4-chlorophenyl phenyl ether
chrysene	dibenzo(a,h)anthracene
1,2-dichlorobenzene	1,3-dichlorobenzene
1,4-dichlorobenzene	3,3'-dichlorobenzidine
diethyl phthalate	dimethyl phthalate
di-n-butyl phthalate	2,4-dinitrotoluene
2,6-dinitrotoluene	di-n-octyl phthalate
1,2-diphenylhydrazine (as azobenzene)	fluoroanthene
fluorene	hexachlorobenzene
hexachlorobutadiene	hexachlorocyclopentadiene
hexachloroethane	indeno(1,2,3-cd)pyrene
isophorone	naphthalene
nitrobenzene	N-nitrosodimethylamine
N-nitrosodi-n-propylamine	N-nitrosodiphenylamine
phenanthrene	pyrene
1,2,4-trichlorobenzene	

ADDITIONAL MATERIALS

dioxins-2,3,7,8 tetrachloro-dibenzo-p-dioxin (TCDD)
asbestos

TABLE III- Other Toxic Pollutants (Metals and Cyanide) and Total Phenols

Antimony, Total	Nickel, Total
Arsenic, Total	Selenium, Total
Beryllium, Total	Silver, Total
Cadmium, Total	Thallium, Total
Chromium, Total	Zinc, Total
Copper, Total	Cyanide, Total
Lead, Total	Phenols, Total
Mercury, Total	