

## Chapter NR 605

### APPENDIX I

#### REPRESENTATIVE SAMPLING METHODS

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The methods and equipment used for sampling waste materials will vary with the form and consistency of the waste materials to be sampled. Samples collected using the following sampling protocols, for sampling waste with properties similar to the indicated materials, will be considered by the department to be representative of the waste:

- (1) For extremely viscous liquid – ASTM Standard D140–70
- (2) For crushed or powdered material – ASTM Standard D346–78
- (3) For soil or rock–like material – ASTM Standard D420–69
- (4) For soil–like material – ASTM Standard D1452–80
- (5) For fly ash–like material – ASTM Standard D2234–76

**Note:** The publications containing these standards may be obtained from the:

American Society for Testing and Materials (ASTM)  
1916 Race Street  
Philadelphia, PA 19103–1187  
(215)299-5400

These publications are available for inspection at the offices of the department, the secretary of state, and the revisor of statutes.

(6) For containerized liquid wastes – “COLIWASA” described in SW–846, “Test Methods for Evaluating Solid Waste, Physical/Chemical Methods”, third edition, September, 1986, as amended by update I in July, 1992.

(7) For liquid waste in pits, ponds, lagoons and similar reservoirs – “Pond Sampler” described in SW–846, “Test Methods for Evaluating Solid Waste, Physical/Chemical Methods”, third edition, September, 1986, as amended by update I in July, 1992.

**Note:** Publications SW–846 may be obtained from:

Superintendent of Documents  
U.S. Government Printing Office  
P.O. Box 371954  
Pittsburgh, PA 15250–7954  
(202)783–3238

This publication is available for inspection at the offices of the department, the secretary of state, and the revisor of statutes.

## Chapter NR 605

### APPENDIX II

#### CHEMICAL ANALYSIS TEST METHODS

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**Note:** Appropriate analytical procedures to determine whether a sample contains a given toxic constituent are specified in chapter two, "Choosing the Correct Procedure" found in SW-846, "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", third edition, September, 1986, as amended by update I in July, 1992. Prior to final sampling and analysis method selection, the individual should consult the specific section or method described in SW-846 for additional guidance on which of the approved methods should be employed for a specific sample analysis situation.

**Note:** Publications SW-846 may be obtained from:

Superintendent of Documents  
U.S. Government Printing Office  
P.O. Box 371954  
Pittsburgh, PA 15250-7954  
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## Chapter NR 605

### APPENDIX III

#### BASIS FOR LISTING HAZARDOUS WASTES

Hazardous Waste No.	Hazardous constituents for which listed
F001	Tetrachloroethylene, methylene chloride trichloroethylene, 1,1,1-trichloroethane, carbon tetrachloride, chlorinated fluorocarbons.
F002	Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trichloroethane, ortho-dichlorobenzene, trichlorofluoromethane.
F003	N.A.
F004	Cresols and cresylic acid, nitrobenzene.
F005	Toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, 2-ethoxyethanol, benzene, 2-nitropropane.
F006	Cadmium, hexavalent chromium, nickel, cyanide (complexed).
F007	Cyanide (salts).
F008	Cyanide (salts).
F009	Cyanide (salts).
F010	Cyanide (salts).
F011	Cyanide (salts).
F012	Cyanide (complexed).
F019	Hexavalent chromium, cyanide (complexed).
F020	Tetra- and pentachlorodibenzo-p-dioxins; tetra and pentachlorodi-benzofurans; tri- and tetrachlorophenols and their chlorophenoxy derivative acids, esters, ethers, amine and other salts.
F021	Penta- and hexachlorodibenzo-p-dioxins; penta- and hexachlorodibenzofurans; pentachlorophenol and its derivatives.
F022	Tetra-, penta-, and hexachlorodibenzo-p-dioxins; tetra-, penta-, and hexachlorodibenzofurans.
F023	Tetra-, and pentachlorodibenzo-p-dioxins; tetra- and pentachlorodibenzofurans; tri- and tetrachlorophenols and their chlorophenoxy derivative acids, esters, ethers, amine and other salts.
F024	Chloromethane, dichloromethane, trichloromethane, carbon tetrachloride, chloroethylene, 1,1-dichloroethane, 1,2-dichloroethane, trans-1,2-dichloroethylene, 1,1-dichloroethylene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethylene, 1,1,1,2-tetra-chloroethane, 1,1,2,2-tetrachloroethane, tetrachloroethylene, pentachloroethane, hexachloroethane, allyl chloride (3-chloropropene), dichloropropane, dichloropropene, 2-chloro-1,3-butadiene, hexachloro-1,3-butadiene, hexachlorocyclopentadiene, hexachlorocyclohexane, benzene, chlorobenzene, dichlorobenzenes, 1,2,4-trichlorobenzene, tetrachlorobenzene, pentachlorobenzene, hexachlorobenzene, toluene, naphthalene.
F025	Chloromethane; Dichloromethane; Trichloromethane; Carbon tetrachloride; Chloroethylene; 1,1-Dichloroethane; 1,2-Dichloroethane; trans-1,2-Dichloroethylene; 1,1-Dichloroethylene; 1,1,1-Trichloroethane; 1,1,2-Trichloroethane; Trichloroethylene; 1,1,1,2-Tetrachloroethane; 1,1,2,2-Tetrachloroethane; Tetrachloroethylene; Pentachloroethane; Hexachloroethane; Allyl chloride (3-Chloropropene); Dichloropropane; Dichloropropene; 2-Chloro-1,3-butadiene; Hexachloro-1,3-butadiene; Hexachlorocyclopentadiene; Benzene; Chlorobenzene; Dichlorobenzene; 1,2,4-Trichlorobenzene; Tetrachlorobenzene; Pentachlorobenzene; Hexachlorobenzene; Toluene; Naphthalene.
F026	Tetra-, penta-, and hexachlorodibenzo-p-dioxins; tetra-, penta-, and hexachlorodibenzofurans.
F027	Tetra-, penta-, and hexachlorodibenzo-p-dioxins; tetra-, penta-, and hexachlorodibenzofurans; tri-, tetra-, and pentachlorophenols and their chlorophenoxy derivative acids, esters, ethers, amine and other salts.
F028	Tetra-, penta-, and hexachlorodibenzo-p-dioxins; tetra-, penta-, and hexachlorodibenzofurans; tri-, tetra-, and pentachlorophenols and their chlorophenoxy derivative acids, esters, ethers, amine and other salts.
F032	Benz(a)anthracene, benzo(a)pyrene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, pentachlorophenol, arsenic, chromium, tetra-, penta-, hexa-, heptachlorodibenzo-p-dioxins, tetra-, penta-, hexa-, heptachlorodibenzofurans.
F034	Benz(a)anthracene, benzo(k)fluoranthene, benzo(a)pyrene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, naphthalene, arsenic, chromium.
F035	Arsenic, chromium, lead.
F037	Benzene, benzo(a)pyrene, chrysene, lead, chromium.
F038	Benzene, benzo(a)pyrene, chrysene, lead, chromium.
F039	All constituents for which treatment standards are specified for multi-source leachate wastewaters and nonwastewaters under s. NR 675.23 (1), table CCW.
F500	Same as F001 and F002.

**NR 605 Appendix III**

**WISCONSIN ADMINISTRATIVE CODE**

Hazardous Waste No.	Hazardous constituents for which listed
K001	Pentachlorophenol, phenol, 2-chlorophenol, p-chloro-m-cresol, 2,4-dimethylphenyl, 2,4-dinitrophenol, trichlorophenols, tetrachlorophenols, 2,4-dinitrophenol, cresosote, chrysene, naphthalene, fluoranthene, benzo(b)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, benz(a)anthracene, dibenz(a)anthracene, acenaphthalene.
K002	Hexavalent chromium, lead.
K003	Hexavalent chromium, lead.
K004	Hexavalent chromium.
K005	Hexavalent chromium, lead.
K006	Hexavalent chromium.
K007	Cyanide (complexed), hexavalent chromium.
K008	Hexavalent chromium.
K009	Chloroform, formaldehyde, methylene chloride, methyl chloride, paraldehyde, formic acid.
K010	Chloroform, formaldehyde, methylene chloride, methyl chloride, paraldehyde, formic acid, chloroacetaldehyde.
K011	Acrylonitrile, acetonitrile, hydrocyanic acid.
K013	Hydrocyanic acid, acrylonitrile, acetonitrile.
K014	Acetonitrile, acrylamide.
K015	Benzyl chloride, chlorobenzene, toluene, benzotrichloride.
K016	Hexachlorobenzene, hexachlorobutadiene, carbon tetrachloride, hexachloroethane, perchloroethylene.
K017	Epichlorohydrin, chloroethers [bis(chloromethyl) ether and bis (2-chloroethyl) ethers], trichloropropane, dichloropropanols.
K018	1,2-dichloroethane, trichloroethylene, hexachlorobutadiene, hexachlorobenzene.
K019	Ethylene dichloride, 1,1,1-trichloroethane, 1,1,2-trichloroethane, tetrachloroethanes (1,1,2,2-tetrachloroethane and 1,1,1,2-tetrachloroethane), trichloroethylene, tetrachloroethylene, carbon tetrachloride, chloroform, vinyl chloride, vinylidenechloride.
K020	Ethylene dichloride, 1,1,1-trichloroethane, 1,1,2-trichloroethane, tetrachloroethanes (1,1,2,2-tetrachloroethane and 1,1,1,2-tetrachloroethane), trichloroethylene, tetrachloroethylene, carbon tetrachloride, chloroform, vinyl chloride, vinylidenechloride.
K021	Antimony, carbon tetrachloride, chloroform.
K022	Phenol, tars (polycyclic aromatic hydrocarbons).
K023	Phthalic anhydride, maleic anhydride.
K024	Phthalic anhydride, 1,4-naphthoquinone.
K025	Meta-dinitrobenzene, 2,4-dinitrotoluene.
K026	Paraldehyde, pyridines, 2-picoline.
K027	Toluene diisocyanate, toluene-2, 4-diamine.
K028	1,1,1-trichloroethane, vinyl chloride.
K029	1,2-dichloroethane, 1,1,1-trichloroethane, vinyl chloride, vinylidene chloride, chloroform.
K030	Hexachlorobenzene, hexachlorobutadiene, hexachloroethane, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, ethylene dichloride.
K031	Arsenic.
K032	Hexachlorocyclopentadiene.
K033	Hexachlorocyclopentadiene.
K034	Hexachlorocyclopentadiene.
K035	Creosote, chrysene, naphthalene, fluoranthene, benzo(b)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd) pyrene, benzo(a)anthracene, dibenzo(a)anthracene, acenaphthalene.
K036	Toluene, phosphorodithioic and phosphorothioic acid esters.
K037	Toluene, phosphorodithioic and phosphorothioic acid esters.
K038	Phorate, formaldehyde, phosphorodithioic and phosphorothioic acid esters.
K039	Phosphorodithioic and phosphorothioic acid esters.
K040	Phorate, formaldehyde, phosphorodithioic and phosphorothioic acid esters.
K041	Toxaphene.
K042	Hexachlorobenzene, ortho-dichlorobenzene.
K043	2,4-dichlorophenol, 2,6-dichlorophenol, 2,4,6-trichlorophenol.
K044	N.A.

Hazardous Waste No.	Hazardous constituents for which listed
K045	N.A.
K046	Lead.
K047	N.A.
K048	Hexavalent chromium, lead.
K049	Hexavalent chromium, lead.
K050	Hexavalent chromium.
K051	Hexavalent chromium, lead.
K052	Lead.
K060	Cyanide, naphthalene, phenolic compounds, arsenic.
K061	Hexavalent chromium, lead, cadmium.
K062	Hexavalent chromium, lead.
K064	Lead, cadmium.
K065	Do.
K066	Do.
K069	Hexavalent chromium, lead, cadmium.
K071	Mercury.
K073	Chloroform, carbon tetrachloride, hexachloroethane, trichloroethane, tetrachloroethylene, dichloroethylene, 1,1,2,2-tetrachloroethane.
K083	Aniline, diphenylamine, nitrobenzene, phenylenediamine.
K084	Arsenic.
K085	Benzene, dichlorobenzenes, trichlorobenzenes, tetrachlorobenzenes, pentachlorobenzene, hexachlorobenzene, benzyl chloride.
K086	Lead, hexavalent chromium.
K087	Phenol, naphthalene.
K088	Cyanide (complexes).
K090	Chromium.
K091	Do.
K093	Phthalic anhydride, maleic anhydride.
K094	Phthalic anhydride.
K095	1,1,2-trichloroethane, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane.
K096	1,2-dichloroethane, 1,1,1-trichloroethane, 1,1,2-trichloroethane.
K097	Chlordane, heptachlor.
K098	Toxaphene.
K099	2,4-dichlorophenol, 2,4,6-trichlorophenol.
K100	Hexavalent chromium, lead, cadmium.
K101	Arsenic.
K102	Arsenic.
K103	Aniline, nitrobenzene, phenylenediamine.
K104	Aniline, benzene, diphenylamine, nitrobenzene, phenylenediamine.
K105	Benzene, monochlorobenzene, dichlorobenzenes, 2,4,6-trichlorophenol.
K106	Mercury.
K107	1,1-Dimethylhydrazine (UDMH).
K108	1,1-Dimethylhydrazine (UDMH).
K109	1,1-Dimethylhydrazine (UDMH).
K110	1,1-Dimethylhydrazine (UDMH).
K111	2,4-Dinitrotoluene.
K112	2,4-Toluenediamine, o-toluidine, p-toluidine, aniline.
K113	2,4-Toluenediamine, o-toluidine, p-toluidine, aniline.
K114	2,4-Toluenediamine, o-toluidine, p-toluidine.

Hazardous Waste No.	Hazardous constituents for which listed
K115	2,4-Toluediamine.
K116	Carbon tetrachloride, tetrachloroethylene, chloroform, phosgene.
K117	Ethylene dibromide.
K118	Ethylene dibromide.
K123	Ethylene thiourea.
K124	Ethylene thiourea.
K125	Ethylene thiourea.
K126	Ethylene thiourea.
K131	Dimethyl sulfate, methyl bromide.
K132	Methyl bromide.
K136	Ethylene dibromide.
K141	Benzene, benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene.
K142	Benzene, benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene.
K143	Benzene, benz(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene.
K144	Benzene, benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene.
K145	Benzene, benz(a)anthracene, benzo(a)pyrene, dibenz(a,h)anthracene, naphthalene.
K147	Benzene, benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene.
K148	Benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene.
K149	Benzotrichloride, benzyl chloride, chloroform, chloromethane, chlorobenzene, 1,4-dichlorobenzene, hexachlorobenzene, pentachlorobenzene, 1,2,4,5-tetrachlorobenzene, toluene.
K150.	Carbon tetrachloride, chloroform, chloromethane, 1,4-dichlorobenzene, hexachlorobenzene, pentachlorobenzene, 1,2,4,5-tetrachlorobenzene, 1,1,2,2-tetrachloroethane, tetrachloroethylene, 1,2,4-trichlorobenzene.
K151	Benzene, carbon tetrachloride, chloroform, hexachlorobenzene, pentachlorobenzene, toluene, 1,2,4,5-tetrachlorobenzene, tetrachloroethylene.
K156	Benomyl, carbaryl, carbendazim, carbofuran, carbosulfan, formaldehyde, methylene chloride, triethylamine.
K157	Carbon tetrachloride, formaldehyde, methyl chloride, methylene chloride, pyridine, triethylamine.
K158	Benomyl, carbendazim, carbofuran, carbosulfan, chloroform, methylene chloride.
K159	Benzene, butylate, eptc, molinate, pebulate, vernolate.
K160	Benzene, butylate, eptc, molinate, pebulate, vernolate.
K161	Antimony, arsenic, metam-sodium, ziram.

N.A. – Waste is hazardous because it meets either the ignitability, corrosivity or reactivity characteristics.

## Chapter NR 605

### APPENDIX IV

### HAZARDOUS CONSTITUENTS

A solid waste which contains any of the hazardous constituents listed in this appendix shall be listed in s. NR 605.09 as a hazardous waste unless the department concludes, after considering the factors in s. NR 605.07 (2) (a) 3., that the waste is not capable of posing a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed or otherwise managed.

**Note:** Section NR 605.07 (2) (a) identifies criteria for listing hazardous waste. A waste containing any of the constituents in this appendix is examined by the department using these criteria. If the department determines the waste should be listed, it will be included under: Table II, Hazardous Waste from Nonspecific Sources; Table III, Hazardous Waste from Specific Sources; Table IV, Acute Hazardous Commercial Chemical Products and Manufacturing Chemical Intermediates; or Table V, Toxic Commercial Chemical Products and Manufacturing Chemical Intermediates. One shall not assume that a waste containing one or more of the constituents in this appendix will automatically be a hazardous waste. In this appendix, the abbreviation N.O.S. (not otherwise specified) signifies those members of the general class not specifically listed by name."

Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
A2213	Ethanimidothioic acid, 2- (dimethylamino) -N-hydroxy-2-oxo-, methyl ester	30558-43-1	U394
Acetonitrile	Same	00075-05-8	U003
Acetophenone	Ethanone, 1-phenyl-	00098-86-2	U004
2-Acetylaminofluorene	Acetamide, N-9H-fluorene-2-yl-	00053-96-3	U005
Acetyl chloride	Same	00075-36-5	U006
1-Acetyl-2-thiourea	Acetamide, N-(aminothioxomethyl)-	00591-08-2	P002
Acrolein	2-Propenal	00107-02-8	P003
Acrylamide	2-Propenamide	00079-06-1	U007
Acrylonitrile	2-Propenenitrile	00107-13-1	U009
Aflatoxins	Same	01402-68-2	....
Aldicarb	Propanal, 2-methyl-2-(methylthio)- O-[(methylamino)carbonyl]oxime	00116-06-3	P070
Aldicarb sulfone	Propanal, 2-methyl-2- (methylsulfonyl) -, O-[(methylamino) carbonyl] oxime	1646-88-4	P203
Aldrin	1,4,5,8-Dimethanonaphthalene 1,2,3,4,10,10-10-hexachloro-1,4,4a,5,8,8a hexahydro-, (1alpha,4alpha,4abeta,5alpha,8alpha, 8abeta)-	00309-00-2	P004
Allyl alcohol	2-Propen-1-ol	00107-18-6	P005
Allyl chloride	1-Propane, 3-chloro	00107-18-6	....
Aluminum phosphide	Same	20859-73-8	P006
4-Aminobiphenyl	[1,1'-Biphenyl]-4-amine	00092-67-1	....
5-(Aminomethyl)-3 isoxazolol	3 (2H)-Isoxazolone, 5-(aminomethyl)-	02763-96-4	P007
4-Aminopyridine	4-Pyridinamine	00504-24-5	P008
Amitrole	1H-1,2,4-Triazol-3-amine	00061-82-5	U011
Ammonium vanadate	Vanadic acid, ammonium salt	07803-55-6	P119
Aniline	Benzenamine	00062-53-3	U012
Antimony	Same	07440-36-0	....
Antimony compounds, N.O.S. <sup>1</sup>			
Aramite	Sulfurous acid, 2-chloroethy-2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	00140-57-8	
Arsenic	Same	07440-38-2	
Arsenic compounds, N.O.S. <sup>1</sup>			
Arsenic acid	Arsenic acid H <sub>3</sub> AsO <sub>4</sub>	07778-39-4	P010
Arsenic pentoxide	Arsenic oxide As <sub>2</sub> O <sub>5</sub>	01303-28-2	P011

**NR 605 Appendix IV**

**WISCONSIN ADMINISTRATIVE CODE**

Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
Arsenic trioxide	Arsenic oxide As <sub>2</sub> O <sub>3</sub>	01327-53-3	P012
Auramine	Benzenamine, 4,4'-carbonimidoylbis[N,N-dimethyl	00492-80-8	U014
Azaserine	L-Serine, diazoacetate (ester)	00115-02-6	U015
Barban	Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester	101-27-9	U280
Barium	Same	07440-39-3	
Barium compounds, N.O.S. <sup>1</sup>			
Barium cyanide	Same	00542-62-1	P013
Bendiocarb	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate	22781-23-3	U278
Bendiocarb phenol	1,3-Benzodioxol-4-ol, 2,2-dimethyl-,	22961-82-6	U364
Benomyl	Carbamic acid, [1-[(butylamino) carbonyl]-1H-benzimidazol-2-yl]-, methyl ester	17804-35-2	U271
Benz[c]acridine	Same	00225-51-4	U016
Benz[a]anthracene	Same	00056-55-3	U018
Benzal chloride	Benzene, (dichloromethyl)-	00098-87-3	U017
Benzene	Same	00071-43-2	U019
Benzeneearsonic acid	Arsonic acid, phenyl-	00098-05-5	
Benzidine	[1,1'-Biphenyl]-4,4'-diamine	00092-87-5	U021
Benzo[b]fluoranthene	Benz[e]acephenanthrylene	00205-99-2	
Benzo[j]fluoranthene	Same	00205-82-3	
Benzo(k)fluoranthene	Same	00207-08-9	
Benzo[a]pyrene	Same	00050-32-8	U022
p-Benzoquinone	2,5-Cyclohexadiene-1,4-dione	00106-51-4	U197
Benzotrichloride	Benzene, (trichloromethyl)-	00098-07-7	U023
Benzyl chloride	Benzene, (chloromethyl)-	00100-44-7	P028
Beryllium	Same	07440-41-7	P015
Beryllium compounds N.O.S. <sup>1</sup>			....
Beryllium powder	Same	7440-41-7	P015
Bis (pentamethylene)-thiuram tetrasulfide	Piperidine, 1,1'-(tetrathiodicarbonothioyl)-bis-	120-54-7	U400
Bromoacetone	2-Propanone, 1-bromo-	00598-31-2	P017
Bromoform	Methane, tribromo-	00075-25-2	U225
4-Bromophenyl phenyl ether	Benzene, 1-bromo-4-phenoxy-	00101-55-3	U030
Brucine	Strychnidin-10-one, 2,3-dimethoxy-	00357-57-3	P018
Butylate	Carbamothioic acid, bis (2-methylpropyl)-, S-ethyl ester	2008-41-5	U392
Butyl benzyl phthalate	1,2-Benzenedicarboxylic acid, butylphenylmethyl ester	00085-68-7	
Cacodylic acid	Arsinic acid, dimethyl-	00075-60-5	U136
Cadmium	Same	07440-43-9	
Cadmium compounds, N.O.S. <sup>1</sup>			
Calcium chromate	Chromic acid H <sub>2</sub> CrO <sub>4</sub> , calcium salt	13765-19-0	U032
Calcium cyanide	Calcium cyanide Ca(CN) <sub>2</sub>	00592-01-8	P021
Carbaryl	1-Naphthalenol, methylcarbamate	63-25-2	U279
Carbendazim	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester	10605-21-7	U372
Carbofuran	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate	1563-66-2	P127
Carbofuran phenol	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-	1563-38-8	U367
Carbon disulfide	Same	00075-15-0	P022
Carbon oxyfluoride	Carbonic difluoride	00353-50-4	U033
Carbon tetrachloride	Methane, tetrachloro-	00056-23-5	U211



Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
Carbosulfan	Carbamic acid, [(dibutylamino) thio] methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester	55285-14-8	P189
Chloral	Acetaldehyde, trichloro-	00075-87-6	U034
Chlorambucil	Benzenebutanoic acid 4-[bis(2-chloroethyl)amino]-	00305-03-3	U035
Chlordane	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexa-hydro-	00057-74-9	U036
Chlordane (alpha and gamma isomers)			U036
Chlorinated benzenes, N.O.S. <sup>1</sup>			
Chlorinated ethane, N.O.S. <sup>1</sup>			
Chlorinated fluorocarbons, N.O.S. <sup>1</sup>			
Chlorinated naphthalene, N.O.S. <sup>1</sup>			
Chlorinated phenol, N.O.S. <sup>1</sup>			
Chlornaphazin	Naphthalenamine, N,N'-bis(2-chloroethyl)-	00494-03-1	U026
Chloroacetaldehyde	Acetaldehyde, chloro-	00107-20-0	P023
Chloroalkyl ethers, N.O.S. <sup>1</sup>			
p-Chloroaniline	Benzenamine, 4-chloro-	00106-47-8	P024
Chlorobenzene	Benzene, chloro-	00108-90-7	U037
Chlorobenzilate	Benzenoacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-, ethyl ester	00510-15-6	U038
p-Chloro-m-cresol	Phenol, 4-chloro-3-methyl-	00059-50-7	U039
2-Chloroethyl vinyl ether	Ethene, (2-chloroethoxy)-	00110-75-8	U042
Chloroform	Methane, trichloro-	00067-66-3	U044
Chloromethyl methyl ether	Methane, chloromethoxy-	00107-30-2	U046
beta-Chloronaphthalene	Naphthalene, 2-chloro-	00091-58-7	U047
o-Chlorophenol	Phenol, 2-chloro-	00095-57-8	U048
1-(o-Chlorophenyl)thiourea	Thiourea, (2-chlorophenyl)-	05344-82-1	P026
Chloroprene	1,3-Butadiene, 2-chloro-	00126-99-8	
3-Chloropropionitrile	Propanenitrile, 3-chloro-	00542-76-7	P027
Chromium	Same	07440-47-3	
Chromium compounds, N.O.S. <sup>1</sup>			
Chrysene	Same	00218-01-9	U050
Citrus red No. 2	2-Naphthalenol, 1-[(2,5-dimethoxyphenyl)azo]-	06358-53-8	
Coal tar creosote	Same	08007-45-2	
Copper cyanide	Copper cyanide CuCN	00544-92-3	P029
Copper dimethyldithiocarbamate	Copper, bis(dimethylcarbamodithioato-S,S')-,	137-29-1	U393
Creosote	Same		U051
Cresol (Cresylic acid)	Phenol, methyl-	01319-77-3	U052
Crotonaldehyde	2-Butenal	04170-30-3	U053
m-Cumenyl methylcarbamate	Phenol, 3-(methylethyl)-, methyl carbamate	64-00-6	P202
Cyanides (soluble salt and complexes) N.O.S.			P030
Cyanogen	Ethanedinitrile	00460-19-5	P031
Cyanogen bromide	Cyanogen bromide (CN)Br	00506-68-3	U246
Cyanogen chloride	Cyanogen chloride (CN)Cl	00506-77-4	P033
Cycasin	beta-D-Glucopyranoside,(methyl-ONN-azoxy)methyl	14901-08-7	
Cycloate	Carbamothioic acid, cyclohexylethyl-, S-ethyl ester	1134-23-2	U386
2-Cyclohexyl-4,6-dinitrophenol	Phenol, 2-cyclohexyl-4,6-dinitro-	00131-89-5	P034
Cyclophosphamide	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide	00050-18-0	U058
2,4-D	Acetic acid, (2,4-dichlorophenoxy)-	00094-75-7	U240

**NR 605 Appendix IV**

**WISCONSIN ADMINISTRATIVE CODE**

Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
2,4-D, salts, esters	...		U240
Daunomycin	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-tri-deoxy-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-	20830-81-3	U059
Dazomet	2H-1,3,5-thiadiazine-2-thione, tetrahydro-3,5-dimethyl	533-74-4	U366
DDD	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-	00072-54-8	U060
DDE	Benzene, 1,1'-(dichloroethenylidene)bis[4-chloro-	00072-55-9	
DDT	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-	00050-29-3	U061
Diallate	Carbamothioic acid, bis(1-methyl-ethyl)-,S-(2,3-dichloro-2-propenyl) ester	02303-16-4	U062
Dibenz[a,h]acridine	Same	00226-36-8	
Dibenz[a,j]acridine	Same	00224-42-0	
Dibenz[a,h]anthracene	Same	00053-70-3	U063
7H-Dibenzo[c,g]carbazole	Same	00194-59-2	
Dibenzo[a,e]pyrene	Naphtho[1,2,3,4-def]chrysene	00192-65-4	
Dibenzo[a,h]pyrene	Dibenzo[b,def]chrysene	00189-64-0	
Dibenzo[a,i]pyrene	Benzo[rs]pentaphene	00189-55-9	U064
1,2-Dibromo-3-chloropropane	Propane, 1,2-dibromo-3-chloro-	00096-12-8	U066
Dibutyl phthalate	1,2-Benzenedicarboxylic acid, dibutyl ester	00084-74-2	U069
o-Dichlorobenzene	Benzene, 1,2-dichloro-	00095-50-1	U070
m-Dichlorobenzene	Benzene, 1,3-dichloro-	00541-73-1	U071
p-Dichlorobenzene	Benzene, 1,4-dichloro-	00106-46-7	U072
Dichlorobenzene, N.O.S.	Benzene, dichloro-	25321-22-6	
3,3'-Dichlorobenzidine	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-	00091-94-1	U073
1,4-Dichloro-2-butene	2-Butene, 1,4-dichloro-	00764-41-0	U074
Dichlorodifluoromethane	Methane, dichlorodifluoro-	00075-71-8	U075
Dichloroethylene, N.O.S.	Dichloroethylene	25323-30-2	
1,1-Dichloroethylene	Ethene, 1,1-dichloro-	00075-35-4	U078
1,2-Dichloroethylene	Ethene, 1,2-dichloro-, (E)-	00156-60-5	U079
Dichloroethyl ether	Ethane, 1,1'-oxybis[2-chloro-	00111-44-4	U025
Dichloroisopropyl ether	Propane, 2,2'-oxybis[2-chloro-	00108-60-1	U027
Dichloromethoxy ethane	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-	00111-91-1	U024
Dichloromethyl ether	Methane, oxybis[chloro-	00542-88-1	P016
2,4-Dichlorophenol	Phenol, 2,4-dichloro-	00120-83-2	U081
2,6-Dichlorophenol	Phenol, 2,6-dichloro-	00087-65-0	U082
Dichlorophenylarsine	Arsonous dichloride, phenyl-	00696-28-6	P036
Dichloropropane, N.O.S.	Propane, dichloro-	26638-19-7	
Dichloropropanol, N.O.S.	Propanol, dichloro-	26545-73-3	
Dichloropropene, N.O.S.	1-Propene, dichloro-	26952-23-8	
1,3-Dichloropropene	1-Propene, 1,3-dichloro-	00542-75-6	U084
Dieldrin	2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1 aalpha, 2beta,2aalp,3beta,6beta,6aalp,7beta,7aalp)-	00060-57-1	P037
1,2:3,4-Diepoxybutane	2,2'-Bioxirane	01464-53-5	U085
Diethylarsine	Arsine, diethyl-	00692-42-2	P038
Diethylene glycol, dicarbamate	Ethanol, 2,2'-oxybis-, dicarbamate	5952-26-1	U395
1,4-Diethyleneoxide	1,4-Dioxane	00123-91-1	U108
Diethylhexyl phthalate	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	00117-81-7	U028
N,N'-Diethylhydrazine	Hydrazine, 1,2-diethyl-	01615-80-1	U086

Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
O,O-Diethyl S-methy dithiophosphate	Phosphorodithioic acid, O,O-diethyl S-methy ester	03288-58-2	U087
Diethyl-p-nitrophenyl phosphate	Phosphoric acid, diethyl 4-nitrophenyl ester	00311-45-5	P041
Diethyl phthalate	1,2-Benzenedicarboxylic acid, diethyl ester	00084-66-2	U088
O,O-Diethyl O-pyrazinyl phosphoro- thioate	Phosphorothioic acid, O,O-diethyl O-pyraziny ester	00297-97-2	P040
Diethylstilbesterol	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)-	00056-53-1	U089
Dihydrosafrole	1,3-Benzodioxole, 5-propyl-	00094-58-6	U090
Diisopropylfluorophosphate (DFP)	Phosphorofluoridic acid, bis(1-methylethyl) ester	00055-91-4	P043
Dimethoate	Phosphorodithioic acid, O,O-dimethylS-[2-(methylamino)-2-oxoethyl] ester	00060-51-5	P044
3,3'-Dimethoxybenzidine	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-	00119-90-4	U091
p-Dimethylaminoazobenzene	Benzenamine, N,N-dimethyl-4-(phenylazo)-	00060-11-7	U093
7,12-Dimethylbenz[a]- anthracene	Benz[a]anthracene, 7,12-dimethyl-	00057-97-6	U094
3,3'-Dimethylbenzidine	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-	00119-93-7	U095
Dimethylcarbamoyl chloride	Carbamic chloride, dimethyl-	00079-44-7	U097
1,1-Dimethylhydrazine	Hydrazine, 1,1-dimethyl-	00057-14-7	U098
1,2-Dimethylhydrazine	Hydrazine, 1,2-dimethyl-	00540-73-8	U099
alpha,alpha- Dimethylphenethylamine	Benzeneethanamine, alpha,alpha-dimethyl-	00122-09-8	P046
2,4-Dimethylphenol	Phenol, 2,4-dimethyl-	00105-67-9	U101
Dimethyl phthalate	1,2-Benzenedicarboxylic acid, dimethyl ester	00131-11-3	U102
Dimethyl sulfate	Sulfuric acid, dimethyl ester	00077-78-1	U103
Dimetilan	Carbamic acid, dimethyl-, 1- [(dimethylamino) carbonyl]-5-methyl-1H-pyrazol-3-yl ester	644-64-4	P191
Dinitrobenzene, N.O.S. <sup>1</sup>	Benzene, dinitro-	25154-54-5	
4,6-Dinitro-o-cresol	Phenol, 2-methyl-4,6-dinitro-	00534-52-1	P047
4,6-Dinitro-o-cresol salts			P047
2,4-Dinitrophenol	Phenol, 2,4-dinitro-	00051-28-5	P048
2,4-Dinitrotoluene	Benzene, 1-methyl-2,4-dinitro-	00121-14-2	U105
2,6-Dinitrotoluene	Benzene, 2-methyl-1,3-dinitro-	00606-20-2	U106
Dinoseb	Phenol, 2-(1-methylpropyl)-4,6-dinitro-	00088-85-7	P020
Di-n-octyl phthalate	1,2-Benzenedicarboxylic acid, dioctyl ester	00117-84-0	U017
Diphenylamine	Benzenamine, N-phenyl-	00122-39-4	
1,2-Diphenylhydrazine	Hydrazine, 1,2-diphenyl-	00122-66-7	U109
Di-n-propylnitrosamine	1-Propanamine, N-nitroso-N-propyl-	00621-64-7	U111
Disulfoton	Phosphorodithioic acid, O,O-diethy S-[2-(ethylthio)ethyl] ester	00298-04-4	P039
Disulfiram	Thioperoxydicarbonic diamide, tetraethyl	97-77-8	U403
Dithiobiuret	Thioimidodicarbonic diamide [(H <sub>2</sub> N)C(S)] <sub>2</sub> NH	00541-53-7	P049
Endosulfan	6,9-Methano-2,4,3-benzodioxathiepin,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide	00115-29-7	P050
Endothall	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid	00145-73-3	P088
Endrin	2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-,(1aalpha,2beta,2abeta,3alpha,6alpha,6abeta,7beta,7aalpha)-	00072-20-8	P051
Endrin metabolites			P051
Epichlorohydrin	Oxirane, (chloromethyl)-	00106-89-8	U041
Epinephrine	1,2-Benzenediol,4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-	00051-43-4	P042
EPTC	Carbamothioic acid, dipropyl-, S-ethyl ester	759-94-4	U390
Ethyl carbamate (urethane)	Carbamic acid, ethyl ester	00051-79-6	U238
Ethyl cyanide	Propanenitrile	00107-12-0	P101

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Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
Ethyl Ziram	Zinc, bis(diethylcarbomothioato-S,S')-	14324-55-1	U407
Ethylenebisdithiocarbamic acid	Carbamodithioic acid, 1,2-ethanediylbis-	00111-54-6	U114
Ethylenebisdithiocarbamic acid, salts and esters			U114
Ethylene dibromide	Ethane, 1,2-dibromo-	00106-93-4	U067
Ethylene dichloride	Ethane, 1,2-dichloro-	00107-06-2	U077
Ethylene glycol monoethyl ether	Ethanol, 2-ethoxy-	00110-80-5	U359
Ethyleneimine	Aziridine	00151-56-4	P054
Ethylene oxide	Oxirane	00075-21-8	U115
Ethylenethiourea	2-Imidazolidinethione	00096-45-7	U116
Ethylidene dichloride	Ethane, 1,1-dichloro-	00075-34-3	U076
Ethyl methacrylate	2-Propenoic acid, 2-methyl-, ethyl ester	00097-63-2	U118
Ethyl methanesulfonate	Methanesulfonic acid, ethyl ester	00062-50-0	U119
Famphur	Phosphorothioic acid,O-[4-[(dimethylamino)sulfonyl]phenyl]O,O-dimethyl ester	00052-85-7	P097
Ferbam	Iron, tris(dimethylcarbomothioat-S,S')-	14484-64-1	U396
Fluoranthene	Same	00206-44-0	U120
Fluorine	Same	07782-41-4	P056
Fluoroacetamide	Acetamide, 2-fluoro-	00640-19-7	P057
Fluoroacetic acid, sodium salt	Acetic acid, fluoro-, sodium salt	00062-74-8	P058
Formaldehyde	Same	00050-00-0	U122
Formetanate hydrochloride	Methanimidamide, N,N-dimethyl-N'-[3-[(methylamino) carbonyl]oxy]phenyl]-, monohydrochloride	23422-53-9	P198
Formic acid	Same	00064-18-6	U123
Formparanate	Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[(methylamino) carbonyl]oxy]phenyl]-.	17702-57-7	P197
Glycidylaldehyde	Oxirancarboxyaldehyde	00765-34-4	U126
Halomethanes, N.O.S. <sup>1</sup>		....	
Heptachlor	4,7-Methano-1H-indene,1,4,5,6,7,8,8-hepta-chloro-3a,4,7,7a-tetrahydro-	00076-44-8	P059
Heptachlor epoxide	2,5-Methano-2H-indeno[1,2-b]oxirene,2,3,4,5,6,7,7-hep-tachloro-1a,1b,5,5a,6,6a-hexa-hydro-, (1aalpha,1bbeta,2alpha,5alpha,5abeta,6beta,6aalpha)-	01024-57-3	
Heptachlor epoxide (alpha, beta, and gamma isomers)		....	
Heptachlorodibenzofurans		....	
Heptachlorodibenzo-p-dioxins		....	
Hexachlorobenzene	Benzene, hexachloro-	00118-74-1	U127
Hexachlorobutadiene	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	00087-68-3	U128
Hexachlorocyclopentadiene	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	00077-47-4	U130
Hexachlorodibenzo-p-dioxins		....	
Hexachlorodibenzofurans		....	
Hexachloroethane	Ethane, hexachloro-	00067-72-1	U131
Hexachlorophene	Phenol, 2,2'-methylenebis[3,4,6-trichloro-	00070-30-4	U132
Hexachloropropene	1-Propene, 1,1,2,3,3,3-hexachloro-	01888-71-7	U243
Hexaethyl tetraphosphate	Tetraphosphoric acid, hexaethyl ester	00757-58-4	P062
Hydrazine	Same	00302-01-2	U133
Hydrogen cyanide	Hydrocyanic acid	00074-90-8	P063
Hydrogen fluoride	Hydrofluoric acid	07664-39-3	U134
Hydrogen sulfide	Hydrogen sulfide H <sub>2</sub> S	07783-06-4	U135
Indeno[1,2,3-cd]pyrene	Same	00193-39-5	U137

Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
3-Iodo-2-propynyl n-butylcarbamate	Carbamic acid, butyl-, 3-iodo-2-propynyl ester	55406-53-6	U375
Isobutyl alcohol	1-Propanol, 2-methyl-	00078-83-1	U140
Isodrin	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4abeta,5beta,8beta,8abeta)-	00465-73-6	P060
Isolan	Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester	119-38-0	P192
Isosafrole	1,3-Benzodioxole, 5-(1-propenyl)-	00120-58-1	U141
Kepone	1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-	00143-50-0	U142
Lasiocarpine	2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z),7(2S*,3R*),7aalpha]]-	00303-34-1	4143
Lead	Same	07439-92-1	
Lead compounds, N.O.S. <sup>1</sup>		....	
Lead acetate	Acetic acid, lead(2+) salt	00301-04-2	U144
Lead phosphate	Phosphoric acid, lead(2+) salt (2:3)	07446-27-7	U145
Lead subacetate	Lead, bis(acetato-O)tetrahydroxytri-	01335-32-6	U146
Lindane	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha,2alpha,3beta,4alpha,5alpha,6beta)-	00058-89-9	U129
Maleic anhydride	2,5-Furandione	00108-31-6	U147
Maleic hydrazide	3,6-Pyridazinedione, 1,2-dihydro-	00123-33-1	U148
Malononitrile	Propanedinitrile	00109-77-3	U149
Manganese dimethyldithiocarbamate	Manganese, bis(dimethylcarbamodithioato-S,S')-,	15339-36-3	P196
Melphalan	L-Phenylalanine, 4-[bis(2-chloroethyl)aminol]-	00148-82-3	U150
Mercury	Same	07439-97-6	U151
Mercury compounds, N.O.S. <sup>1</sup>		....	
Mercury fulminate	Fulminic acid, mercury(2+) salt	00628-86-4	P065
Metam Sodium	Carbamodithioic acid, methyl-, monosodium salt	137-42-8	U384
Methacrylonitrile	2-Propenenitrile, 2-methyl-	00126-98-7	U152
Methapyrilene	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienyl-methyl)-	00091-80-5	U155
Methiocarb	Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate	2032-65-7	P199
Methomyl	Ethanimidothioic acid, N-[(methylamino)carbonyl]oxy]-, methyl ester	16752-77-5	P066
Metolcarb	Carbamic acid, methyl-, 3-methylphenyl ester	1129-41-5	P190
Methoxychlor	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-	00072-43-5	U247
Methyl bromide	Methane, bromo-	00074-83-9	U029
Methyl chloride	Methane, chloro-	00074-87-3	U045
Methyl chlorocarbonate	Carbonochloridic acid, methyl ester	00079-22-1	U156
Methyl chloroform	Ethane, 1,1,1-trichloro-	00071-55-6	U226
3-Methylcholanthrene	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-	00056-49-5	U157
4,4'-Methylenebis(2-chloroaniline)	Benzenamine, 4,4'-methylenebis[2-chloro-	00101-14-4	U158
Methylene bromide	Methane, dibromo-	00074-95-3	U068
Methylene chloride	Methane, dichloro-	00075-09-2	U080
Methyl ethyl ketone (MEK)	2-Butanone	00078-93-3	U159
Methyl ethyl ketone peroxide	2-Butanone, peroxide	01338-23-4	U160
Methyl hydrazine	Hydrazine, methyl-	00060-34-4	P068
Methyl iodide	Methane, iodo-	00074-88-4	U138
Methyl isocyanate	Methane, isocyanato-	00624-83-9	P064

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Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
2-Methylacetonitrile	Propanenitrile, 2-hydroxy-2-methyl-	00075-86-5	P069
Methyl methacrylate	2-Propenoic acid, 2-methyl-, methyl ester	00080-62-6	U162
Methyl methanesulfonate	Methanesulfonic acid, methyl ester	00066-27-3	
Methyl parathion	Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester	00298-00-0	P071
Methylthiouracil	4(1H)-Pyrimidinone,2,3-dihydro-6-methyl-2-thio-	00056-04-2	U164
Mexacarbate	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester)	315-18-4	P128
Mitomycin C	Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[[aminocarbo-nyloxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1alpha,8beta,8alpha,8beta)]-	00050-07-7	U010
MNNG	Guanidine, N-methyl-N'-nitro-N-nitroso-	00070-25-7	U163
Molinate	1H-Azepine-1-carbothioic acid, hexahydro-, S-ethyl ester	2212-67-1	U365
Mustard gas	Ethane, 1,1'-thiobis[2-chloro-	00505-60-2	
Naphthalene	Same	00091-20-3	U165
1,4-Naphthoquinone	1,4-Naphthalenedione	00130-15-4	U166
alpha-Naphthylamine	1-Naphthalenamine	00134-32-7	U167
beta-Naphthylamine	2-Naphthalenamine	00091-59-8	U168
alpha-Naphthylthiourea	Thiourea, 1-naphthalenyl-	00086-88-4	P072
Nickel	Same	07440-02-0	
Nickel compounds, N.O.S. <sup>1</sup>		...	
Nickel carbonyl	Nickel carbonyl Ni(CO) <sub>4</sub> , (T-4)-	13463-39-3	P073
Nickel cyanide	Nickel cyanide Ni(CN) <sub>2</sub>	00557-19-7	P074
Nicotine	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-	00054-11-5	P075
Nicotine salts			P075
Nitric oxide	Nitrogen oxide NO	10102-43-9	P076
p-Nitroaniline	Benzenamine, 4-nitro-	00100-01-6	P077
Nitrobenzene	Benzene, nitro-	00098-95-3	U169
Nitrogen dioxide	Nitrogen oxide NO <sub>2</sub>	10102-44-0	P078
Nitrogen mustard	Ethanamine, 2-chloro-N-(2-chloroethyl)-N-methyl-	00051-75-2	
Nitrogen mustard, hydro-chloride salt			
Nitrogen mustard N-oxide	Ethanamine, 2-chloro-N-(2-chloroethyl)-N-methyl-, N-oxide	00126-85-2	
Nitrogen mustard, N-oxide, hydrochloride salt			
Nitroglycerin	1,2,3-Propanetriol, trinitrate	00055-63-0	P081
p-Nitrophenol	Phenol, 4-nitro-	00100-02-7	U170
2-Nitropropane	Propane, 2-nitro-	00079-46-9	U171
Nitrosamines, N.O.S.		35576-91-1	
N-Nitrosodi-n-butylamine	1-Butanamine, N-butyl-N-nitroso-	00924-16-3	U172
N-Nitrosodiethanolamine	Ethanol, 2,2'-(nitrosoimino)bis-	01116-54-7	U173
N-Nitrosodiethylamine	Ethanamine, N-ethyl-N-nitroso-	00055-18-5	U174
N-Nitrosodimethylamine	Methanamine, N-methyl-N-nitroso-	00062-75-9	P082
N-Nitroso-N-ethylurea	Urea, N-ethyl-N-nitroso-	00759-73-9	U176
N-Nitrosomethylethylamine	Ethanamine, N-methyl-N-nitroso-	10595-95-6	
N-Nitroso-N-methylurea	Urea, N-methyl-N-nitroso-	00684-93-5	U177
N-Nitroso-N-methylurethane	Carbamic acid, methylnitroso-, ethyl ester	00615-53-2	U178
N-Nitrosomethylvinylamine	Vinylamine, N-methyl-N-nitroso-	04549-40-0	P084
N-Nitrosomorpholine	Morpholine, 4-nitroso-	00059-89-2	

Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
N-Nitrosornicotine	Pyridine, 3-(1-nitroso-2-pyrrolidinyl)-, (S)-	16543-55-8	
N-Nitrosopiperidine	Piperidine, 1-nitroso-	00100-75-4	U179
N-Nitrosopyrrolidine	Pyrrolidine, 1-nitroso-	00930-55-2	U180
N-Nitrososarcosine	Glycine, N-methyl-N-nitroso-	13256-22-9	
5-Nitro-o-toluidine	Benzenamine, 2-methyl-5-nitro-	00099-55-8	U181
Octamethylpyrophos phoramide	Diphosphoramide, octamethyl-	00152-16-9	P085
Osmium tetroxide	Osmium oxide OsO <sub>4</sub> , (T-4)-	20816-12-0	P087
Oxamyl	Ethanimidothioc acid, 2-(dimethylamino)-N-[[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester	23135-22-0	P194
Paraldehyde	1,3,5-Trioxane, 2,4,6-trimethyl-	00123-63-7	U182
Parathion	Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester	00056-38-2	P089
Pebulate	Carbamothioic acid, butylethyl-, S-propyl ester	1114-71-2	U391
Pentachlorobenzene	Benzene, pentachloro-	00608-93-5	U183
Pentachlorodibenzo-p-dioxins		....	
Pentachlorodibenzofurans		....	
Pentachloroethane	Ethane, pentachloro-	00076-01-7	U184
Pentachloronitrobenzene (PCNB)	Benzene, pentachloronitro-	00082-68-8	U185
Pentachlorophenol	Phenol, pentachloro-	00087-86-5	See F027
Phenacetin	Acetamide, N-(4-ethoxyphenyl)-	00062-44-2	U187
Phenol	Same	00108-95-2	U188
Phenylenediamine	Benzenediamine	25265-76-3	
Phenylmercury acetate	Mercury, (acetato-O)phenyl-	00062-38-4	P092
Phenylthiourea	Thiourea, phenyl-	00103-85-5	P093
Phosgene	Carbonic dichloride	00075-44-5	P095
Phosphine	Same	07803-51-2	P096
Phorate	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester	00298-02-2	P094
Phthalic acid esters, N.O.S.		....	
Phthalic anhydride	1,3-Isobenzofurandione	00085-44-9	U190
Physostigmine	Pyrrolo[2,3-b]indol-5-01, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-	57-47-6	P204
Physostigmine salicylate	Benzoic acid, 2-hydroxy-, compd. with (3aS-cis) --1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo [2,3-b]indol-5-yl methylcarbamate ester (1:1)	57-64-7	P188
2-Picoline	Pyridine, 2-methyl-	00109-06-8	U191
Polychlorinated biphenyls, N.O.S. <sup>1</sup>		....	
Potassium cyanide	Potassium cyanide K(CN)	00151-50-8	P098
Potassium dimethyldithiocarbamate	Carbamodithioc acid, dimethyl, potassium salt	128-03-0	U383
Potassium hyroxymethyl-n-methyl-dithiocarbamate	Carbamodithioc acid, (hydroxymethyl)methyl-, monopotassium salt	51026-28-9	U378
Potassium n-methyldithiocarbamate	Carbamodithioc acid, methyl-monopotassium salt	137-41-7	U377
Potassium pentachlorophenate	Pentachlorophenol, potassium salt	7778736	None
Potassium silver cyanide	Argentate(1-), bis(cyano-C)-, potassium	00506-61-6	P099
Promecarb	Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate	2631-37-0	P201
Pronamide	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-	23950-58-5	U192
1,3-Propane sultone	1,2-Oxathiolane, 2,2-dioxide	01120-71-4	U193
Propham	Carbamic acid, phenyl-, 1-methylethyl ester	122-42-9	U373
Propoxur	Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	U411

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Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
n-Propylamine	1-Propanamine	00107-10-8	U194
Propargyl alcohol	2-Propyn-1-ol	00107-19-7	P102
Propylene dichloride	Propane, 1,2-dichloro-	00078-87-5	U083
1,2-Propylenimine	Aziridine, 2-methyl-	00075-55-8	P067
Propylthiouracil	4(1H)-Pyrimidinone, 2,3-dihydro-6-propyl-2-thio-	00051-52-5	
Prosulfocarb	Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester	52888-80-9	U387
Pyridine	Same	00110-86-1	U196
Reserpine	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-smethyl ester, (3beta,16beta,17alpha,18beta,20alpha)-	00050-55-5	U200
Resorcinol	1,3-Benzenediol	00108-46-3	U201
Saccharin	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide	00081-07-2	U202
Saccharin salts			U202
Safrole	1,3-Benzodioxole, 5-(2-propenyl)-	00094-59-7	U203
Selenium	Same	07782-49-2	
Selenium compounds, N.O.S. <sup>1</sup>		....	
Selenium dioxide	Selenious acid	07783-00-8	U204
Selenium sulfide	Selenium sulfide SeS <sub>2</sub>	07488-56-4	U205
Selenium, tetrakis (dimethyl-dithiocarbamate)	Carbamodithioic acid, dimethyl-, tetraanhydrosulfide with orthothioselenious acid	144-34-3	U376
Selenourea	Same	00630-10-4	P103
Silver	Same	07440-22-4	
Silver compounds, N.O.S. <sup>1</sup>		....	
Silver cyanide	Silver cyanide Ag(CN)	00506-64-9	P104
Silvex (2,4,5-TP)	Propanoic acid, 2-(2,4,5-trichlorophenoxy)-	00093-72-1	See F027
Sodium cyanide	Sodium cyanide Na(CN)	00143-33-9	P106
Sodium dibutylthiocarbamate	Carbamodithioic acid, dibutyl, sodium salt	136-30-1	U379
Sodium diethylthiocarbamate	Carbamodithioic acid, diethyl-, sodium salt	148-18-5	U381
Sodium dimethylthiocarbamate	Carbamodithioic acid, dimethyl-, sodium salt	128-04-1	U382
Sodium pentachlorophenate	Pentachlorophenol, sodium salt	131522	None
Streptozotocin	D-Glucose, 2-deoxy-2-[(methylnitrosoamino)carbonylamino]-	18883-66-4	U206
Strychnine	Strychnidin-10-one	00057-24-9	P108
Strychnine salts			P108
Sulfallate	Carbamodithioic acid, diethyl-, 2-chloro-2-propenyl ester	95-06-7	U277
TCDD	Dibenzo[b,e][1,4]dioxin, 2,3,7,8-tetrachloro-	01746-01-6	
Tetrabutylthiuram disulfide	Thioperoxydicarbonic diamide, tetrabutyl	1634-02-2	U402
Tetrabutylthiuram monosulfide	Bis (dimethylthiocarbamoyl) sulfide	97-74-5	U401
1,2,4,5-Tetrachlorobenzene	Benzene, 1,2,4,5-tetrachloro-	00095-94-3	U207
Tetrachlorodibenzo-p-dioxins		....	
Tetrachlorodibenzofurans		....	
Tetrachloroethane, N.O.S. <sup>1</sup>	Ethane, tetrachloro-, N.O.S	25322-20-7	
1,1,1,2-Tetrachloroethane	Ethane, 1,1,1,2-tetrachloro-	00630-20-6	U208
1,1,2,2-Tetrachloroethane	Ethane, 1,1,2,2-tetrachloro-	00079-34-5	U209
Tetrachloroethylene	Ethene, tetrachloro-	00127-18-4	U210
2,3,4,6-Tetrachlorophenol	Phenol, 2,3,4,6-tetrachloro-	00058-90-2	See F027
2,3,4,6-tetrachlorophenol, potassium salt	same	53535-27-6	None
2,3,4,6-tetrachlorophenol, sodium salt	same	25567-55-9	None
Tetraethylthiopyrophosphate	Thiodiphosphoric acid, tetraethyl ester	03689-24-5	P109



Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
Tetraethyl lead	Plumbane, tetraethyl-	00078-00-2	P110
Tetraethyl pyrophosphate	Diphosphoric acid, tetraethyl ester	00107-49-3	P111
Tetranitromethane	Methane, tetranitro-	00509-14-8	P112
Thallium	Same	07440-28-0	
Thallium compounds, N.O.S. <sup>1</sup>		...	
Thallic oxide	Thallium oxide Tl <sub>2</sub> O <sub>3</sub>	01314-32-5	P113
Thallium(I) acetate	Acetic acid, thallium(1+) salt	00563-68-8	U214
Thallium(I) carbonate	Carbonic acid, dithallium(1+) salt	06533-73-9	U215
Thallium(I) chloride	Thallium chloride TlCl	07791-12-0	U216
Thallium(I) nitrate	Nitric acid, thallium(1+) salt	10102-45-1	U217
Thallium selenite	Selenious acid, dithallium(1+) salt	12039-52-0	P114
Thallium(I) sulfate	Sulfuric acid, dithallium(1+) salt	07446-18-6	P115
Thioacetamide	Ethanethioamide	00062-55-5	U218
Thiodicarb	Ethanimidothioic acid, N,N'-[thiobis [(methylimino) carbonyloxy]] bis-, dimethyl ester	59669-26-0	U410
Thiofanox	2-Butanone, 3,3-dimethyl-1-(methylthio)-, 0-[(methylamino)carbonyl] oxime	39196-18-4	P045
Thiomethanol	Methanethiol	00074-93-1	U153
Thiophanate-methyl	Carbamic acid, [1,2-phenylenebis (iminocarbonothioyl)] bis-, dimethyl ester	23564-05-8	U409
Thiophenol	Benzenethiol	00108-98-5	P014
Thiosemicarbazide	Hydrazinecarbothioamide	00079-19-6	P116
Thiourea	Same	00062-56-6	U219
Thiram	Thioperoxydicarbonic diamide [(H <sub>2</sub> N)C(S)] <sub>2</sub> S <sub>2</sub> , tetramethyl-	00137-26-8	U244
Tirpate	1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[(methylamino) carbonyl] oxime	26419-73-8	P185
Toluene	Benzene, methyl-	00108-88-3	U220
Toluenediamine	Benzenediamine, ar-methyl-	25376-45-8	U221
Toluene-2,4-diamine	1,3-Benzenediamine, 4-methyl-	00095-80-7	
Toluene-2,6-diamine	1,3-Benzenediamine, 2-methyl-	00823-40-5	
Toluene-3,4-diamine	1,2-Benzenediamine, 4-methyl-	00496-72-0	
Toluene diisocyanate	Benzene, 1,3-diisocyanatomethyl-	26471-62-5	U223
o-Toluidine	Benzenamine, 2-methyl-	00095-53-4	U328
o-Toluidine hydrochloride	Benzenamine, 2-methyl-, hydrochloride	00636-21-5	U222
p-Toluidine	Benzenamine, 4-methyl-	00106-49-0	U353
Toxaphene	Same	08001-35-2	P123
Triallate	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester	2303-17-5	U389
1,2,4-Trichlorobenzene	Benzene, 1,2,4-trichloro-	00120-82-1	
1,1,2-Trichloroethane	Ethane, 1,1,2-trichloro-	00079-00-5	U227
Trichloroethylene	Ethene, trichloro-	00079-01-6	U228
Trichloromethanethiol	Methanethiol, trichloro-	00075-70-7	P118
Trichloromonofluoromethane	Methane, trichlorofluoro-	00075-69-4	U121
2,4,5-Trichlorophenol	Phenol, 2,4,5-trichloro-	00095-95-4	See F027
2,4,6-Trichlorophenol	Phenol, 2,4,6-trichloro-	00088-06-2	See F027
2,4,5-T	Acetic acid, (2,4,5-trichlorophenoxy)-	00093-76-5	See F027
Trichloropropane, N.O.S. <sup>1</sup>		25735-29-9	
1,2,3-Trichloropropane	Propane, 1,2,3-trichloro-	00096-18-4	

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Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
Triethylamine	Ethanamine, N,N-diethyl-	121-44-8	U404
O,O,O-Triethyl phosphorothioate	Phosphorothioic acid, O,O,O-triethyl ester	00126-68-1	
1,3,5-Trinitrobenzene	Benzene, 1,3,5-trinitro-	00099-35-4	U234
Tris(1-aziridinyl)phosphine sulfide	Aziridine, 1,1',1'-phosphinothioylidynetris-	00052-24-4	
Tris(2,3-dibromopropyl) phosphate	1-Propanol, 2,3-dibromo-, phosphate (3:1)	00126-72-7	U235
Trypan blue	2,7-Naphthalenedisulfonic acid,3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]- bis[5-amino-4-hydroxy-, tetrasodium salt	00072-57-1	U236
Uracil mustard	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-	00066-75-1	U237
Vanadium pentoxide	Vanadium oxide V <sub>2</sub> O <sub>5</sub>	01314-62-1	P120
Vernolate	Carbamothioic acid, dipropyl-, S-propyl ester	1929-77-7	U385
Vinyl chloride	Ethene, chloro-	00075-01-4	U043
Warfarin	2H-1-Benzopyran-2-one,4-hydroxy-3-(3-oxo-1-phenylbutyl)-, when present at concentrations less than 0.3%	00081-81-2	U248
Warfarin	2H-1-Benzopyran-2-one,4-hydroxy-3-(3-oxo-1-phenylbutyl)-, when present at concentrations greater than 0.3%	00081-81-2	P001
Warfarin salts, when present at concentrations less than 0.3%			U248
Warfarin salts, when present at concentrations greater than 0.3%			P001
Zinc cyanide	Zinc cyanide Zn(CN) <sub>2</sub>	00557-21-1	P121
Zinc phosphide	Zinc phosphide Zn <sub>3</sub> P <sub>2</sub> , when present at concentrations greater than 10%	01314-84-7	P122
Zinc phosphide	Zinc phosphide Zn <sub>3</sub> P <sub>2</sub> , when present at concentrations of 10% or less	01314-84-7	U24
Ziram	Zinc, bis(dimethylcarbamodithioato-S,S')-, (T-4)-	137-30-4	P205

The abbreviation N.O.S. (not otherwise specified) signifies those members of the general class not specifically listed by name in this appendix.

## **Chapter NR 605**

### **APPENDIX V**

#### **MERCURY BEARING WASTES THAT MAY BE PROCESSED IN EXEMPT MERCURY RECOVERY UNITS**

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These are exempt mercury-bearing materials with less than 500 ppm of ch. NR 605 Appendix IV organic constituents when generated by manufacturers or users of mercury or mercury products.

1. Activated carbon
2. Decomposer graphite
3. Wood
4. Paper
5. Protective clothing
6. Sweepings
7. Respiratory cartridge filters
8. Cleanup articles
9. Plastic bags and other contaminated containers
10. Laboratory and process control samples
11. K106 and other wastewater treatment plant sludge and filter cake
12. Mercury cell sump and tank sludge
13. Mercury cell process solids
14. Recoverable levels of mercury contained in soil