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Title 22@ Social Security

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Division 4.5@ Environmental Health Standards for the Management of Hazardous Waste

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Chapter 18@ Land Disposal Restrictions

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Article 2@ Schedule for Land Disposal Prohibition and Establishment of Treatment Standards

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Section 66268.12@ Identification of Wastes to Be Evaluated by May 8, 1990

## **66268.12 Identification of Wastes to Be Evaluated by May 8, 1990**

U.S. EPA will take action under section 3004(g)(5) and 3004(m) of the Resource Conservation and Recovery Act ( 6924 and 6924 ), by May 8, 1990 for the wastes listed in this subsection (for ease of understanding, the wastes have been listed by the subsection of section 66261 under which they were listed). If USEPA fails to take action for any of these wastes by May 8, 1990, the provisions of section 3004(g)(6)(C) of the Resource Conservation and Recovery Act ( 6924 ) will apply to those wastes for which USEPA has failed to take action.

### **(a)**

Wastes listed below by the section of chapter 11 of this division under which they were listed. (1) section 66261.32 wastes: K002--Wastewater treatment sludge from the production of chrome yellow and orange pigments; K003--Wastewater treatment sludge from the production of molybdate orange pigments; K005--Wastewater treatment sludge from the production of chrome green pigments; K006--Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated); K007--Wastewater treatment sludge from the production of iron blue pigments; K023--Distillation light ends from the production of phthalic anhydride from naphthalene; K026--Stripping still tails from the production of methyl ethyl pyridines; K032--Wastewater treatment sludge from the production of chlordane; K033--Wastewater and scrub water from the

chlorination of cyclopentadiene in the production of chlordane; K034--Filter solids from the hexachlorocyclopentadiene in the production of chlordane; K048--dissolved air flotation (DAF) float from the petroleum refining industry; K049--slop oil emulsion solids from the petroleum refining industry; K050--heat exchange bundle cleaning sludge from the petroleum refining industry; K051--API separator sludge from the petroleum refining industry; K052--tank bottoms (leaded) from the petroleum refining industry; K093--Distillation light ends from the production of phthalic anhydride from ortho-xylene; K094--Distillation bottoms from the production of phthalic anhydride from ortho-xylene; K100--Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting; (2) section 66261.33(e) wastes: P006--Aluminum phosphide P009--Ammonium picrate P013--Barium cyanide P017--Bromoacetone P021--Calcium cyanide P022--Carbon disulfide P023--Chloroacetaldehyde P024--p-Chloroaniline P028--Benzyl chloride P031--Cyanogen P033--Cyanogen chloride P034--4,6-Dinitro-o-cyclohexylphenol P038--Diethylarsine P042--Epinephrine P045--Thiofanox P046--Alpha, alpha-Dimethylphenethylamine P047--4,6-Dinitro-o-cresol and salts P051--Endrin P056--Fluorine P064--Methyl isocyanate P065--Mercury fulminate P073--Nickel carbonyl P075--Nicotine and salts P076--Nitric oxide P077--p-Nitroaniline P078--Nitrogen dioxide P088--Endothall P093--N-Phenylthiourea P095--Phosgene P096--Phosphine P099--Potassium silver cyanide P101--Propanenitrile P103--Selenourea P109--Tetraethyldithiopyrophosphate P116--Thiosemicarbazide P118--Trichloromethanethiol P119--Ammonium vanadate P121--Zinc cyanide (3) section 66261.33(f) wastes: U001--Acetaldehyde U004--Acetophenone U006--Acetyl chloride U017--Benzal chloride U024--Bis(2-chloroethoxy)methane U027--Bis(2-chloroisopropyl)ether U030--Benzene, 1-bromo-4-phenoxy

U033--Carbonyl fluoride U034--Chloral U038--Ethyl-4-4' dichlorobenzilate  
U039--4-Chloro-m-cresol U042--Vinyl ether, 2-chloroethyl U045--Methyl chloride  
U048--o-Chlorophenol U052--Cresols U055--Cumene U056--Cyclohexane  
U068--Methane, dibromo U069--Dibutyl phthalate U071--m-Dichlorobenzene  
U072--p-Dichlorobenzene U075--Dichlorodifluoromethane U076--Ethane,  
1,1-dichloro- U079--1,2-Dichlorethylene U081--2,4-Dichlorophenol  
U082--2,6-Dichlorophenol U084--1,3-Dichloropropene U085--2,2'Bioxirane  
U087--0,0,-Diethyl-S-methyl-dithiophosphate U088--Diethyl phthalate  
U090--Dihydrosafrole U091--3,3' Dimethoxybenzidine  
U096--alpha,alpha-Dimethylbenzylhydroxyperoxide U102--Dimethyl phthalate  
U112--Ethyl acetate U113--Ethyl acrylate U117--Ethyl ether  
U118--Ethylmethacrylate U120--Fluoranthene U121--Trichloromonofluoromethane  
U123--Formic acid U125--Furfural U126--Glycidylaldehyde U132--Hexachlorophene  
U136--Cacodylic acid U139--Iron dextran U141--Isosafrole U145--Lead phosphate  
U148--Maleic hydrazide U152--Methacrylonitrile U153--Methanethiol U156--Methyl  
chlorocarbonate U160--Methyl ethyl ketone peroxide U166--1,4-Naphthaquinone  
U167--1-Naphthylamine U181--5-Nitro-o-toluidine U182--Paraldehyde  
U183--Pentachlorobenzene U184--Pentachloroethane U186--1,3-Pentadiene  
U187--Phenacetin U190--Phthalic anhydride U191--2-Picoline U194--1-Propanamine  
U197--p-Benzoquinone U201--Resorcinol U202--Saccharin and salts  
U204--Selenious acid U207--1,2,4,5-tetrachlorobenzene U222--o-Toluidine  
hydrochloride U225--Bromoform U234--Sym-Trinitrobenzene U236--Trypan blue  
U240--2,4-D, salts and esters U243--Hexachloropropene U246--Cyanogen bromide  
U247--Methoxychlor (4) Wastes identified as hazardous based on a characteristic  
alone (i.e., corrosivity, reactivity, ignitability and EP toxicity).

**(1)**

section 66261.32 wastes: K002--Wastewater treatment sludge from the production of chrome yellow and orange pigments; K003--Wastewater treatment sludge from the production of molybdate orange pigments; K005--Wastewater treatment sludge from the production of chrome green pigments; K006--Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated); K007--Wastewater treatment sludge from the production of iron blue pigments; K023--Distillation light ends from the production of phthalic anhydride from naphthalene; K026--Stripping still tails from the production of methyl ethyl pyridines; K032--Wastewater treatment sludge from the production of chlordane; K033--Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane; K034--Filter solids from the hexachlorocyclopentadiene in the production of chlordane; K048--dissolved air flotation (DAF) float from the petroleum refining industry; K049--slop oil emulsion solids from the petroleum refining industry; K050--heat exchange bundle cleaning sludge from the petroleum refining industry; K051--API separator sludge from the petroleum refining industry; K052--tank bottoms (leaded) from the petroleum refining industry; K093--Distillation light ends from the production of phthalic anhydride from ortho-xylene; K094--Distillation bottoms from the production of phthalic anhydride from ortho-xylene; K100--Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting;

**(2)**

section 66261.33(e) wastes: P006--Aluminum phosphide P009--Ammonium picrate P013--Barium cyanide P017--Bromoacetone P021--Calcium cyanide P022--Carbon disulfide P023--Chloroacetaldehyde P024--p-Chloroaniline P028--Benzyl chloride P031--Cyanogen P033--Cyanogen chloride P034--4,6-Dinitro-o-cyclohexylphenol P038--Diethylarsine P042--Epinephrine P045--Thiofanox P046--Alpha, alpha-Dimethylphenethylamine P047--4,6-Dinitro-o-cresol and salts P051--Endrin

P056--Fluorine P064--Methyl isocyanate P065--Mercury fulminate P073--Nickel carbonyl  
P075--Nicotine and salts P076--Nitric oxide P077--p-Nitroaniline P078--Nitrogen dioxide  
P088--Endothall P093--N-Phenylthiourea P095--Phosgene P096--Phosphine  
P099--Potassium silver cyanide P101--Propanenitrile P103--Selenourea  
P109--Tetraethyldithiopyrophosphate P116--Thiosemicarbazide  
P118--Trichloromethanethiol P119--Ammonium vanadate P121--Zinc cyanide

**(3)**

section 66261.33(f) wastes: U001--Acetaldehyde U004--Acetophenone U006--Acetyl  
chloride U017--Benzal chloride U024--Bis(2-chloroethoxy)methane  
U027--Bis(2-chloroisopropyl)ether U030--Benzene, 1-bromo-4-phenoxy U033--Carbonyl  
fluoride U034--Chloral U038--Ethyl-4-4' dichlorobenzilate U039--4-Chloro-m-cresol  
U042--Vinyl ether, 2-chloroethyl U045--Methyl chloride U048--o-Chlorophenol  
U052--Cresols U055--Cumene U056--Cyclohexane U068--Methane, dibromo  
U069--Dibutyl phthalate U071--m-Dichlorobenzene U072--p-Dichlorobenzene  
U075--Dichlorodifluoromethane U076--Ethane, 1,1-dichloro- U079--1,2-Dichlorethylene  
U081--2,4-Dichlorophenol U082--2,6-Dichlorophenol U084--1,3-Dichloropropene  
U085--2,2'Bioxirane U087--0,0,-Diethyl-S-methyl-dithiophosphate U088--Diethyl  
phthalate U090--Dihydrosafrole U091--3,3' Dimethoxybenzidine  
U096--alpha,alpha-Dimethylbenzylhydroxyperoxide U102--Dimethyl phthalate  
U112--Ethyl acetate U113--Ethyl acrylate U117--Ethyl ether U118--Ethylmethacrylate  
U120--Fluoranthene U121--Trichloromonofluoromethane U123--Formic acid  
U125--Furfural U126--Glycidylaldehyde U132--Hexachlorophene U136--Cacodylic acid  
U139--Iron dextran U141--Isosafrole U145--Lead phosphate U148--Maleic hydrazide  
U152--Methacrylonitrile U153--Methanethiol U156--Methyl chlorocarbonate U160--Methyl  
ethyl ketone peroxide U166--1,4-Naphthaquinone U167--1-Naphthylamine  
U181--5-Nitro-o-toluidine U182--Paraldehyde U183--Pentachlorobenzene

U184--Pentachloroethane U186--1,3-Pentadiene U187--Phenacetin U190--Phthalic anhydride U191--2-Picoline U194--1-Propanamine U197--p-Benzoquinone U201--Resorcinol U202--Saccharin and salts U204--Selenious acid U207--1,2,4,5-tetrachlorobenzene U222--o-Toluidine hydrochloride U225--Bromoform U234--Sym-Trinitrobenzene U236--Trypan blue U240--2,4-D, salts and esters U243--Hexachloropropene U246--Cyanogen bromide U247--Methoxychlor

**(4)**

Wastes identified as hazardous based on a characteristic alone (i.e., corrosivity, reactivity, ignitability and EP toxicity).

**(b)**

Wastewater residues (less than 1 percent total organic carbon and less than 1 percent suspended solids) resulting from the following well-designed and well-operated treatment methods for wastes listed in section 66268.10 and section 66268.11 for which USEPA has not promulgated wastewater treatment standards: metals recovery, metals precipitation, cyanide destruction, carbon adsorption, chemical oxidation, steam stripping, biodegradation, and incineration or other direct thermal destruction.

**(c)**

Hazardous wastes listed in sections 66268.10 and 66268.11 which are mixed hazardous/radioactive wastes.

**(d)**

Multi-source leachate that is derived from disposal of any listed waste, except from Hazardous Wastes F020, F021, F022, F023, F026, F027, or F028.

**(e)**

Nonwastewater forms of wastes listed in section 66268.10 that were originally disposed before August 17, 1988 and for which U.S. EPA has promulgated "no land

disposal" as the treatment standard (section 66268.43, Table CCW, No Land Disposal Subtable). This provision does not apply to waste codes K044, K045, K047, and K061 (high zinc subcategory).

**(f)**

Nonwastewater forms of wastes listed in section 66268.10 for which U.S. EPA has promulgated "no land disposal" as the treatment standard (section 66268.43, Table CCW, No Land Disposal Subtable) that are generated in the course of treating wastewater forms of the wastes. This provision does not apply to waste codes K044, K045, K047 and K061 (high zinc subcategory).

**(g)**

Nonwastewater forms of waste codes K015 and K083.