

## CLARIFICATION CONCERNING THE SCOPE OF "OTHER HAZARDOUS WASTES" PROHIBITED FROM IMPORT INTO INDONESIA

### **Background information by the Secretariat**

On 17 August 2004, the Secretariat of the Basel Convention transmitted to Parties and Signatories, pursuant to Articles 4(1) and 13(2)(c) of the Basel Convention, the lists of wastes transmitted by letter dated 29 July 2004 from the Republic of Indonesia further to Indonesia's earlier communication dated 6 February 2004.

These lists identify wastes which are classified as hazardous in Government Regulation Number 85/1999 regarding Hazardous Waste Management. All wastes that are contained in these lists are the "other hazardous wastes" referred to in the communication of 6 February 2004 that are prohibited from import into Indonesia.

**Lists supplied by Indonesia are as follows:**

Appendix 1 TABLE 2. LIST OF WASTE FROM SPECIFIC RESOURCES

WASTE CODE	INDUSTRY/ACTIVITY	INDUSTRY CODE	POLLUTANT SOURCE	WASTE DESCRIPTION	MAIN POLLUTANT
D201	FERTILIZER	2412	<ul style="list-style-type: none"> <li>• Ammonia production process, urea and or phosphate acid</li> <li>• WWTP that process effluent from production process mentioned above</li> </ul>	<ul style="list-style-type: none"> <li>• Spent catalyst</li> <li>• Sludge from production process</li> <li>• Waste from laboratory</li> <li>• Sludge from WWTP</li> <li>• Used active carbon</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy metal (especially As, Hg)</li> <li>• Sulfide/ammonia compounds</li> </ul>
D202	PESTICIDE Organic or inorganic material used for against or control pest or weeds (insecticide, herbicide, fungicide, algaecide, rodenticide, defoliant)	2421	<ul style="list-style-type: none"> <li>• MFDP<sup>1</sup>pesticide</li> <li>• Storage and packing of pesticide</li> <li>• WWTP that process effluent from pesticide production process</li> </ul>	<ul style="list-style-type: none"> <li>• SLUDGE from WWTP</li> <li>• Packing and equipment tolls</li> <li>• off-spec<sup>2</sup>Product</li> <li>• Residue from production process and formulation</li> <li>• Used solvent</li> <li>• Absorbent and used filter</li> <li>• Residue from destilasi and evaporation process</li> <li>• Collecting dust</li> <li>• Waste from laboratory</li> <li>• Residue from incinerator</li> </ul>	<ul style="list-style-type: none"> <li>• Active material of pesticide</li> <li>• Halogenated Hydrocarbon</li> <li>• Flammable solvent</li> <li>• Metal and heavy metal (especially: As, Pb, Hg, Cu, Zn, Th)</li> <li>• Sn-organic compound</li> </ul>
D203	CHLORO ALKALI PROCESS Generally activities in connection with productions of chemical compounds or product, which content plastic as its basic material. Such as: Caustic soda, Chlorine, vinylchloride, polyvinylchloride, paraffin content chlorine, ethylenedichloride, hypochlorites, hydrochloric acid, etc.	2411 2413 2429	<ul style="list-style-type: none"> <li>• Chlorine production process (electrolysis method with mercury cell process)</li> <li>• Salt purified</li> <li>• Caustic soda production process (mercury cell method)</li> <li>• WWTP which process effluent from production process mentioned above</li> </ul>	<ul style="list-style-type: none"> <li>• Sludge from WWTP</li> <li>• Absorbent and used filter</li> <li>• Tolls contaminated by Hg</li> <li>• Sludge from reservation process</li> <li>• Waste from laboratory</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy metal (especially Hg)</li> <li>• Hallogenated Hydrocarbon</li> </ul>
D204	RESIN ADHESIVE Phenol formaldehyde (PF), urea formaldehyde (UF), melamine formaldehyde (MF), etc	2429	<ul style="list-style-type: none"> <li>• MFDP resin adhesive</li> <li>• WWTP which process effluent from resin adhesive process</li> </ul>	<ul style="list-style-type: none"> <li>• off-spec Product</li> <li>• Residue from production process</li> <li>• spent catalyst</li> <li>• Used solvent</li> <li>• Waste from laboratory</li> <li>• SLUDGE from WWTP</li> </ul>	<ul style="list-style-type: none"> <li>• Organic material (especially phenol)</li> <li>• Hallogenated Hydrocarbon</li> </ul>

<sup>1</sup> Manufacture, Formulation, Distribution and Using Off-Spec Product

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D205	<p>POLYMER</p> <p>Production process, special or integrated in plastic manufacture product or fiber with polymerization which give products such as: <i>Polyvinyl chloride (PVC), polyvinyl acetate (PVA), polyethylene (PE), polypropylene (PP), acrylonitrile butadiene styrene (ABS), acrylonitrile styrene (AS), synthetic resin (alkyd, amino, epoxy, phenol, polyester, polyurethane, vinyl acrylic), Phthalate (PET), polystyrene (PS), polyethylene terephthalate (PET), polystyrene (PS), styrene butadiene rubber (SBR).</i></p>	<p>2413</p> <p>2430</p> <p>2520</p> <p>2430</p>	<ul style="list-style-type: none"> <li>• MFDP monomer and polymer</li> <li>• IPAL which process effluent from polymer production</li> </ul>	<ul style="list-style-type: none"> <li>• Monomer / oligomer which not have reaction</li> <li>• spent catalyst</li> <li>• Residue of production / polymer reaction</li> <li>• Absorbent polymer reaction (such as: used active carbon)</li> <li>• Waste from laboratory</li> <li>• Sludge from WWTP</li> <li>• Off Spec stabilizer (such as in PVC production: Cd, Zn, As)</li> <li>• <i>Fire retardant</i> (such as Sb dan organic bromine compound)</li> <li>• Senyawa Sn organic Sn compound</li> <li>• Residue from distillation process</li> </ul>	<ul style="list-style-type: none"> <li>• Organic compounds</li> <li>• Halogenated Hydrocarbon</li> <li>• Heavy metal (especially Cd, Pb, Sb, Sn)</li> <li>• Contaminated SLUDGE by Zn from rayon / resin acrylic production process</li> </ul>
D206	<p>PETROKIMIA</p> <p>Industries, which produce organic product from separated fraction process of crude oil or natural gas, include its side product from base product. Such as: paraffin, olefin, naftan dan Hydrocarbon aromatics (methane, ethane, propane, ethylene, propylene, butane, cyclohexana, benzene, toluene, naphthalene, acetylene, acetate acid, xilene) and the whole of its side products</p>	<p>2320</p> <p>2411</p> <p>2413</p> <p>2429</p>	<ul style="list-style-type: none"> <li>• MFDP petrokimia product</li> <li>• WWTP which process effluent</li> <li>• Waste process</li> </ul>	<ul style="list-style-type: none"> <li>• Sludge from production process and storage facility</li> <li>• Spent catalyst</li> <li>• Tar (final residue)</li> <li>• Residue from production process or reaction</li> <li>• Absorbent (such as active carbon) and used filter</li> <li>• Waste from laboratory</li> <li>• Sludge from WWTP</li> <li>• Residue / ash process <i>spray drying</i></li> <li>• Used solvent</li> </ul>	<ul style="list-style-type: none"> <li>• Organic</li> <li>• Halogenated Hydrocarbon</li> <li>• Heavy metal (especially Cr, Ni, Sb)</li> <li>• Aromatic Hydrocarbon</li> </ul>
D207	WOOD RESERVATION	<p>2010</p> <p>2021</p>	<ul style="list-style-type: none"> <li>• Wood reservation process</li> <li>• WWTP which process effluent</li> </ul>	<ul style="list-style-type: none"> <li>• Sludge from wood reservation process and storage facility</li> </ul>	<ul style="list-style-type: none"> <li>• Chlorinated phenol (such as: pentachlorofhenol)</li> </ul>

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		2029 3511 4520	from wood reservation process	<ul style="list-style-type: none"> <li>• Sludge from processing tolls for wood reservation</li> <li>• <i>Off-spec</i> product and <i>left-over</i> product</li> <li>• Used solvent</li> <li>• Used package</li> <li>• SLUDGE from wwtp</li> </ul>	<ul style="list-style-type: none"> <li>• Hallogenated Hydrocarbon</li> <li>• Organometa compound</li> </ul>
D208	IRON AND STEEL SMELTING OR PROCESSING	2710 2731 2891	<ul style="list-style-type: none"> <li>• Smelting process of iron/steel</li> <li>• Casting process of iron/steel</li> <li>• Iron or steel process: <i>rolling, drawing, sheeting</i></li> <li>• <i>Coke manufacturing</i></li> <li>• WWTP which process effluent from <i>coke oven/ blast furnace</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Ash, dross, slag</i> from furnace</li> <li>• Ash, residue and or SLUDGE from emission pollution control facility</li> <li>• Sludge from WWTP</li> <li>• <i>Foundry sand and cupola ash</i></li> <li>• Oil emulsion from cooler / used oil</li> <li>• Sludge <i>ammonia still lime</i></li> <li>• Sludge from <i>rolling process</i></li> </ul>	<ul style="list-style-type: none"> <li>• Heavy metal (especially: As, Cr, Pb, Ni, Cd, Th, and Zn)</li> <li>• Organic (Phenolic, naphthalene)</li> <li>• Cyanide</li> <li>• Waste oil</li> </ul>
D209	STEEL FINISHING PROCESS	2710 2731	<ul style="list-style-type: none"> <li>• Steel finishing process</li> <li>• <i>Steel surface treatment (pickling, passivation, cleaning)</i></li> </ul>	<ul style="list-style-type: none"> <li>• Acid solution /used alkali and its residue</li> <li>• Cyanide contaminated residue (<i>hot metal treatment</i>)</li> <li>• Slag dan other residue which contaminant by heavy metal.</li> <li>• Sludge from residue processing</li> <li>• Used processing solution</li> <li>• <i>Used Fluxing agent</i></li> </ul>	<ul style="list-style-type: none"> <li>• Heavy metal (especially: As, Cr, Pb, Ni, Cd, Th, Zn)</li> <li>• Acid solution and alkali</li> <li>• Nitrate</li> <li>• Fluoride</li> <li>• Cyanide (complex)</li> </ul>
D210	LEAD (Pb) SMELTING	2720 2732 3720	<ul style="list-style-type: none"> <li>• Secondary or primary lead smelting process</li> <li>• WWTP which process effluent from lead smelting process</li> </ul>	<ul style="list-style-type: none"> <li>• Sludge from smelting process facility</li> <li>• Dash and or SLUDGE from emission monitoring control facility</li> <li>• <i>Ash, slag and dross</i> as residue from smelting process</li> <li>• Waste from <i>Skimming process</i></li> <li>• Used acid solution</li> <li>• Sludge from WWTP</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy metal (especially: As, Pb, Cd, Zn, Th)</li> <li>• Acid solution</li> </ul>
D211	COOPER SMELTING AND PURIFICATION	2720 2732 3720	<ul style="list-style-type: none"> <li>• Primary and secondary process</li> <li>• Proses of cooper smelting and cooper purification</li> </ul>	<ul style="list-style-type: none"> <li>• Sludge from smelting and purification process facility</li> <li>• Ash and SLUDGE from emission</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy metal (especially: Cu, Pb, Cd, Th)</li> <li>• Acid solution</li> </ul>

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			<ul style="list-style-type: none"> <li>Smelting process with <i>electric arch furnace</i></li> <li>Acid plant</li> <li>WWTP which process effluent from cooper smelting process</li> </ul>	<ul style="list-style-type: none"> <li>monitoring control facility</li> <li>Used acid solution</li> <li>Residue from purification process with electrolysis</li> <li>Sludge from WWTP</li> <li>Sludge from <i>Acid plant blow down</i></li> <li><i>Ash, slag dan dross</i> as residue from smelting process</li> </ul>	
D212	<b>INK</b> Any activities using ink, such as print on paper, plastic, textile, etc. including deinking process at paper mush plant.	2221 2102 2109 2422 2520 2211	<ul style="list-style-type: none"> <li>MFDP ink</li> <li><i>Deinking</i> process at paper mush plant</li> <li>WWTP which process effluent from process is connecting with ink</li> </ul>	<ul style="list-style-type: none"> <li>Sludge from production process and storage</li> <li>Sludge is contaminated by ink</li> <li>Used solvent</li> <li>Sludge from WWTP</li> <li>Residue from washing process</li> <li>Used ink package</li> <li><i>Off-spec</i> product and expired product</li> </ul>	<ul style="list-style-type: none"> <li>Organic (<i>binder</i> dan resin)</li> <li>Halogenated Hydrocarbon</li> <li>Organometal compound</li> <li>Flammable solvent</li> <li>Heavy metal (especially: Cr, Pb)</li> <li>Pigment dan color essence</li> <li>Detergent</li> <li><i>Calico printing - As</i></li> </ul>
D213	<b>TEXTILE</b>	1711/1712 1721/1722 1723/1729 1810/1820	<ul style="list-style-type: none"> <li>Finishing textile process</li> <li><i>Material textile Dyeing</i> process</li> <li>Material textile printing process</li> <li>WWTP which process effluent from above mentioned process</li> </ul>	<ul style="list-style-type: none"> <li>Sludge from WWTP which content heavy metal</li> <li>Used solvent (<i>cleaning</i>)</li> <li><i>Fire retardant</i> (Sbl brome organic compound)</li> </ul>	<ul style="list-style-type: none"> <li>Heavy metal (especially: As, Cd, Cr, Pb, Cu, Zn)</li> <li>Hallogenated Hydrocarbon (from dressing and finishing process)</li> <li>Pigment, color essence and organic solvent</li> <li><i>Tensioactive (surfactant)</i></li> </ul>
D214	<b>MANUFACTURE AND AUTOMOTIVE AND MACHINE ASSEMBLING</b>  Including manufacture and automotive assembling, bicycle, manufacture, ship, airplane, tractor, heavy tolls, generator, production machine, etc. Including production of spare part,	2813/2912 2913/2915 2927/3110 3410/3420 3430/3530 3591/3592	<ul style="list-style-type: none"> <li>Overall process, which is connecting with fabrication and metal finishing, manufacture machine, spare part and assembling. Including any activities related to D215 and D216</li> <li>WWTP, which process effluent, from process mentioned above.</li> </ul>	<ul style="list-style-type: none"> <li>Sludge from production process</li> <li>Used solvent and washing liquid (organic &amp; inorganic)</li> <li>Residue of process production</li> <li>Sludge from WWTP</li> </ul>	<ul style="list-style-type: none"> <li>Metal and heavy metal dan (especially: As, Ba, Cd, Cr, Pb, Ag, Hg, Cu, Ni, Zn, Se, Sn)</li> <li>Nitrate</li> <li>Paint residue</li> <li>Oil and grease</li> <li>Ammonia compound</li> <li>Flammable solvent</li> <li>Asbestos</li> </ul>

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	accessories.				• Acid solution
D215	ELECTROPLATING DAN GALVANISM  Including electroplating on metal surface or plastic with electric process.	2892 2710/2720 2811/2812 2891/2893 2899/2911 2912/2915 2919/2922 2924/2925 2926/2927 2930/3110 3120/3190 3210/3220 3230/3410 3420/3430 3530/3591 3592/3610 3699/4520	<ul style="list-style-type: none"> <li>• Overall process related to electroplating including: <i>phosphating, etching, polishing, chemical conversion coating, anodizing</i></li> <li>• <i>Pre-treatment: pickling, degreasing, stripping, cleaning, grinding, sand blasting, weld cleaning, depainting</i></li> <li>• WWTP which process effluent from electroplating and galvanism process</li> </ul>	<ul style="list-style-type: none"> <li>• Sludge from process and washing</li> <li>• Used solvent</li> <li>• Acid solution (<i>pickling</i>)</li> <li>• <i>Dross, slag</i></li> <li>• Used solvent (chlorinated)</li> <li>• Used solvent from <i>degreasing process</i></li> <li>• Sludge from WWTP</li> <li>• Residue from <i>batch solvent</i></li> </ul>	<ul style="list-style-type: none"> <li>• Metal and heavy metal (especially: Cd, Cr, Cu, Pb, As, Ba, Hg, Se, Ag, Ni, Zn, Sn)</li> <li>• Cyanide</li> <li>• Ammonia compound</li> <li>• Fluoride</li> <li>• Phenol</li> <li>• Nitrate</li> </ul>
D216	PAINT  Including varnish and other varnishing material	2422 2029/2811 2812/2892 2893/2899 2911/2912 2915/2919 2922/2924 2925/2926 2927/2930 3110/3120 3190/3150 3210/3220 3230 3410 3420/3430 3530/3591 3592/3610 3699/4520	<ul style="list-style-type: none"> <li>• MFPD of paint</li> <li>• WWTP which process effluent which related to paint</li> </ul>	<ul style="list-style-type: none"> <li>• Sludge of paint</li> <li>• Used solvent</li> <li>• SLUDGE from WWTP</li> <li>• Used filter</li> <li>• <i>Off-spec products</i></li> <li>• Residue from distillation process</li> <li>• Stainless paint (Pb, Cr)</li> <li>• Ash and Sludge from emission monitoring control unit</li> <li>• Sludge from <i>dip painting process</i></li> </ul>	<ul style="list-style-type: none"> <li>• Organic material (resin)</li> <li>• Hallogenated hydrocarbon</li> <li>• <i>Caustic SLUDGE</i></li> <li>• Flammable solvent</li> <li>• Pigment</li> <li>• Metal and heavy metal (especially: As, Ba, Cd, Cr, Pb, Hg, Se, Ag, Zn)</li> <li>• Sn organic compound</li> </ul>

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		3511/3694 3699			
D217	DRY CELL BATTERY	3140	<ul style="list-style-type: none"> <li>• MFDP of dry cell battery</li> <li>• WWTP which process effluent from battery process</li> </ul>	<ul style="list-style-type: none"> <li>• Sludge from production process</li> <li>• Residue of production process</li> <li>• Used battery, off-spec and expired battery</li> <li>• Sludge from WWTP</li> <li>• <i>Metal powder</i></li> <li>• <i>Dust, slag, ash</i></li> </ul>	<ul style="list-style-type: none"> <li>• Heavy metal (especially; Cd, Pb, Ni, Zn, Hg)</li> <li>• Solid residue contains metal</li> </ul>
D218	WET CELL BATTERY	3140	<ul style="list-style-type: none"> <li>• MFDP wet cell battery</li> <li>• WWTP which process effluent from battery production process</li> </ul>	<ul style="list-style-type: none"> <li>• Sludge from production process</li> <li>• Used battery, expired battery and off-spec</li> <li>• Sludge from WWTP</li> <li>• Acid solution</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy metal (especially; Cd, Pb, Ni, Zn, Sb)</li> <li>• Acid</li> <li>• Cell contains lithium</li> </ul>
D219	ELECTRONIC COMPONENT/ELECTRONIC INSTRUMENT	3110/3120 3150/3190 3210/3220 3230/3320	<ul style="list-style-type: none"> <li>• Manufacture, electronic components and instrument assembling</li> <li>• WWTP which process effluent from production process</li> </ul>	<ul style="list-style-type: none"> <li>• Sludge from production process</li> <li>• Used solvent</li> <li>• <i>Mercury contactor/switch</i></li> <li>• fluororesens lamp (Hg)</li> <li>• <i>Coated glass</i></li> <li>• <i>etching solution for printed circuit</i></li> <li>• <i>Caustic stripping (photo resist)</i></li> <li>• Residue solder and its flux</li> <li>• Waste from painting</li> </ul>	<ul style="list-style-type: none"> <li>• Metal dan heavy metal (especially; As, Ba, Cd, Cr, Pb, Ag, Hg, Cu, Ni, Zn, Se, Sn, Sb)</li> <li>• Nitrate</li> <li>• Fluoride</li> <li>• Residue from paint</li> <li>• Organic material</li> <li>• Acid solution</li> <li>• Halogenated solvent</li> <li>• Residue from <i>etching process (FeCl<sub>3</sub>)</i></li> </ul>
D220	EXPLORATION AND PRODUCTION OF OIL, GAS AND GEOTHERMAL	1110 1120	<ul style="list-style-type: none"> <li>• Exploration and production</li> <li>• Maintenance of Production facility</li> <li>• Maintenance of Storage facility</li> <li>• WWTP which process effluent from natural gas and oil process</li> <li>• Storage tank</li> </ul>	<ul style="list-style-type: none"> <li>• Oil slop</li> <li>• <i>Used Drilling mud</i></li> <li>• Oil Sludge</li> <li>• Active carbon and used absorbent</li> <li>• Sludge from WWTP</li> <li>• <i>Drill Cutting</i></li> <li>• Base tank residues</li> </ul> <p>(Which has contaminant up to standard and have characteristic as hazardous waste)</p>	<ul style="list-style-type: none"> <li>• Organic material</li> <li>• Material contaminated by oil</li> <li>• Heavy metal</li> <li>• Mercury (at active carbon, molecular sieve, etc)</li> </ul>

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D221	OIL AND NATURAL GAS REFINERY	2320	<ul style="list-style-type: none"> <li>Processing process</li> <li>WWTP which process effluent from processing process</li> <li><i>Dissolved Air Flotation</i> unit (DAF)</li> <li><i>Heat exchanger cleaning</i></li> <li>Storage tank</li> </ul>	<ul style="list-style-type: none"> <li>Oil Sludge</li> <li>spent catalyst</li> <li>Used active carbon</li> <li>Sludge from WWTP</li> <li>Used filter</li> <li>Base tank residue (Which has contaminant up to standard and have characteristic as hazardous waste)</li> <li>Laboratory waste</li> <li>PCB wastes</li> </ul>	<ul style="list-style-type: none"> <li>Organic material</li> <li>Materials contaminated by oil</li> <li>Metal and heavy metal (especially; Ba, Cr, Pb, Ni)</li> <li>Sulfide</li> <li><i>Tensioactive (surfactant, etc)</i></li> </ul>
D222	MINING	1320 1020	<ul style="list-style-type: none"> <li>Mining which has potency to produce hazardous waste, such gold mining, cooper mining, lead mining, etc.</li> </ul>	<ul style="list-style-type: none"> <li>Sludge from mining contaminated by heavy metal, <i>Flotation tailing Sludge</i> (Which has contaminant up to standard and have characteristic as hazardous waste)</li> <li>Used solvent</li> <li>Laboratory wastes</li> <li>PCB wastes</li> </ul>	<ul style="list-style-type: none"> <li>Heavy metal</li> <li>Solvent residues</li> <li>Cyanide</li> </ul>
D223	STEAM POWER PLANT WITH COAL	4010	<ul style="list-style-type: none"> <li>Combusting of coal used for power plant</li> </ul>	<ul style="list-style-type: none"> <li><i>Fly ash</i></li> <li><i>Bottom ash</i> (Which has contaminant up to standard and have characteristic as hazardous waste)</li> <li>PCB waste</li> </ul>	<ul style="list-style-type: none"> <li>Heavy metal</li> <li>Organic materials (PNA-<i>polynuclear aromatics</i>)</li> </ul>
D224	LEATHER TANNING	1911 1912 1920	<ul style="list-style-type: none"> <li><i>Tanning dan finishing</i></li> <li><i>Trimming/shaving/buffing process</i></li> <li>WWTP which process effluent from process mentioned above</li> </ul>	<ul style="list-style-type: none"> <li>Sludge from <i>tanning tanning and finishing</i></li> <li>Used solvent</li> <li>Sludge from WWTP</li> <li>Used chromate acid</li> </ul>	<ul style="list-style-type: none"> <li>Heavy metal (especially: Cr, Pb)</li> <li>Organic solvent</li> <li>Acid solution</li> </ul>



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WASTE CODE	INDUSTRY/ACTIVITY	INDUSTRY CODE	POLLUTANT SOURCE	WASTE DESCRIPTION	MAIN POLLUTANT
D225	COLOR ESSENCE AND PIGMENT	2422 2429 2411	<ul style="list-style-type: none"> <li>MFDP color essence and pigment</li> <li>WWTP which produce effluent from process is related to color essence and pigment</li> </ul>	<ul style="list-style-type: none"> <li>Sludge from production process and storage facility</li> <li>Used solvent</li> <li>Sludge from WWTP</li> <li>Residue from production/reaction</li> <li>Absorbent and used filter</li> <li>Off-spec Product</li> </ul>	<ul style="list-style-type: none"> <li>Organic material</li> <li>Halogenated Hydrocarbon</li> <li>Metal and heavy metal (especially: Cr, Zn, Pb, Hg, Ni, Sn, Cu, Sb, Ba)</li> <li>Organometal compound</li> <li>Cyanide</li> <li>Nitrate</li> <li>Fluoride, Sulfide</li> <li>Arsen</li> </ul>
D226	PHARMACY	2423	<ul style="list-style-type: none"> <li>MFDP pharmacy products</li> <li>WWTP which process effluent from manufacture process and f pharmacy production</li> </ul>	<ul style="list-style-type: none"> <li>Sludge from production facility</li> <li>Used solvent</li> <li>Off-spec product, expired product and its residue</li> <li>Sludge from WWTP</li> <li>Used equipment and used packed</li> <li>Residue from production proses and formulation</li> <li>Absorbent and filter (active carbon)</li> <li>Residue from distillation process, evaporation, and reaction</li> <li>Waste from laboratory</li> <li>Residue from incineration proses</li> </ul>	<ul style="list-style-type: none"> <li>Organic material</li> <li>Halogenated hydrocarbon</li> <li>Flammable solvent</li> <li>Heavy metal (especially: As)</li> <li>Active material</li> </ul>
D227	HOSPITAL	7511 9309	<ul style="list-style-type: none"> <li>Overall hospital and clinical laboratory</li> </ul>	<ul style="list-style-type: none"> <li>Clinical waste</li> <li>Expired Pharmacy product</li> <li>Contaminated laboratory equipment</li> <li>Packing of pharmacy product</li> <li>Waste from laboratory</li> <li>Residue from incineration</li> </ul>	<ul style="list-style-type: none"> <li>Infectious waste</li> <li>Residue from pharmacy product</li> <li>Chemicals</li> </ul>
D228	RESEARCH LABORATORY AND COMERCIAL	7310 7422	<ul style="list-style-type: none"> <li>Overall laboratory excluding D227</li> </ul>	<ul style="list-style-type: none"> <li>Solvent</li> <li>Expired chemical</li> </ul>	<ul style="list-style-type: none"> <li>Chemicals (pure or contaminated) and</li> </ul>

Appendix 1 TABLE 2. LIST OF WASTE FROM SPECIFIC RESOURCES

WASTE CODE	INDUSTRY/ACTIVITY	INDUSTRY CODE	POLLUTANT SOURCE	WASTE DESCRIPTION	MAIN POLLUTANT
	Several industries has laboratory, such as: textile, food, pulp & paper, ferpecting, chemical, paint, rubber, etc.			• Sample residue	dangerous or poisonous chemical solution
D229	PHOTOGRAPHY	2211/2221 2222/2429	• MFDP of photography	• <i>Swelling solution, fixer, used bleach</i> • Used solvent • <i>Off-set Cr</i>	• Silver • Organic solvent • Oxidizer compounds
D230	COAL PROCESS WITH PARALYSIS <i>Cokes productions</i>	2310	• Production Process • WWTP which process effluent from production process	• Residue from process production (tar) • Oil Residue	• Organic Hydrocarbon (PNA) • Oil residue
D231	USED OIL RECYCLING	9000	• Purification Process and regeneration	• Filter and used absorbent • Residue from distillation and evaporation (tar) process • Oil residue /emulsion/Sludge (DAF/tank base)	• Material Contaminated by oil • Heavy metal (especially: Zn, Pb, Cr) • Oil Sludge • Halogenated Hydrocarbon
D232	SOAP-DETERGENT/CLEANER PRODUCT DESINFECTANT/COSMETIC	2424	• Manufacture Process and product formulations	• Residue from production and concentrate • Filter and used absorbent • Used Solvent • <i>Off-spec</i> Concentrate and expired • Waste from laboratory	• Organic material • Halogenated Hydrocarbon • Heavy metal (Zn) • Fluoride • Nitrate • <i>Strong Tensioactive</i> • Residue from acid
D233	ANIMAL AND VEGETABLE FAT PROCESS AND ITS DERIVATE	1514	• Manufacture and animal and vegetable fat product formulation and its derivate	• Residue from filtration • Sludge from oil/fat • Waste from laboratory • Residue from distillation process • spent catalyst (Cr)	• Heavy metal (especially: Cr, Ni, Zn) • Oil residue • Residue from acid
D234	ALLUMUNIUM THERMAL METALLURGY ALLUMUNIUM CHEMICAL CONVERSION COATING	2720 2732	• Smelting process and finishing (primary and secondary) • Alumunium plating • WWTP which process effluent from coating process <i>coating</i>	• Anode- tar manufacture and carbon residue • <i>Skimming process</i> • <i>Spent pot lining</i> (cathode) • Residue from smelting process ( <i>slag and dross</i> ) • Sludge from WWTP • <i>Anodizing SLUDGE</i>	• Metal and heavy metal (especially: Cr) • Acid residue • Cyanide ( <i>Cryolite process</i> )

Appendix 1 TABLE 2. LIST OF WASTE FROM SPECIFIC RESOURCES

WASTE CODE	INDUSTRY/ACTIVITY	INDUSTRY CODE	POLLUTANT SOURCE	WASTE DESCRIPTION	MAIN POLLUTANT
D235	SMELTING AND FINISHING ZINC - Zn	2720	<ul style="list-style-type: none"> <li>• Zinc electrolyzed in smelting and furnishing process</li> <li>• <i>Pyrometallurgical zinc</i> Smelting &amp; finishing</li> <li>• WWTP which process effluent from smelting and finishing process</li> </ul>	<ul style="list-style-type: none"> <li>• SLUDGE from smelting process and air purified facility</li> <li>• Ash/SLUDGE from emission monitoring equipment</li> <li>• Slag and dross (residue from smelting process)</li> <li>• <i>Skimming process</i></li> <li>• Sludge from WWTP</li> <li>• Sludge from <i>Acid plant blowdown</i></li> <li>• <i>Electrolytic anode slime</i>/SLUDGE</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy metal (especially: Zn, Cr, Pb, Th)</li> <li>• Acid residue</li> </ul>
D236	NON-FERRO METAL PROCESS		<ul style="list-style-type: none"> <li>• <i>Cold rolling process, drawing, sheeting, and non-Ferro metal finishing</i> (such as: Cu, Al, Zn, alloy)</li> </ul>	<ul style="list-style-type: none"> <li>• Oxalate solution and its SLUDGE</li> <li>• Permanganate solution (<i>pickling</i>)</li> <li>• Residue from pickling acid</li> <li>• Alkyl cleaner solution</li> <li>• Emulsion oil</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy metal (especially: As, Ba, Cd, Cr, Ni, Pb)</li> <li>• Nitrate, Fluoride</li> <li>• Borate acid and oxalate</li> <li>• Acid solution</li> <li>• Oil waste</li> </ul>
D237	METAL HARDENING	2710/2720 2811/2812 2891/2892 2899/2911 2912/2915 2919/2922 2924/2926 2927/3110 3120/3190 3430/3530	<ul style="list-style-type: none"> <li>• Overall processing process (Such as: <i>nitriding, carburizing</i>)</li> <li>• WWTP which process effluent</li> </ul>	<ul style="list-style-type: none"> <li>• Sludge</li> <li>• Used solvent</li> </ul>	<ul style="list-style-type: none"> <li>• Metal and heavy metal (especially: Ba, Cr, Mn)</li> <li>• Cyanide</li> </ul>
D238	METAL/PLASTIC SHAPING	2710/2720 2731/2732 2811/2812 2891/2893 2899/2911 2912/2915 2919/1922 2924/2925 2926/2927	<ul style="list-style-type: none"> <li>• Overall process including : <i>Grinding, cutting, rolling, drawing, filling, etc</i></li> </ul>	<ul style="list-style-type: none"> <li>• Oil emulsion (such as: <i>cutting</i> liquid and cooler oil)</li> <li>• Sludge from shaping process</li> <li>• Used solvent</li> </ul>	<ul style="list-style-type: none"> <li>• Metal and heavy metal</li> <li>• Oil emulsion</li> <li>• Hallogenated hydrocarbon</li> <li>• Fluoride-nitrate</li> </ul>

Appendix 1 TABLE 2. LIST OF WASTE FROM SPECIFIC RESOURCES

WASTE CODE	INDUSTRY/ACTIVITY	INDUSTRY CODE	POLLUTANT SOURCE	WASTE DESCRIPTION	MAIN POLLUTANT
		2930/3110 3120/3130 3410/3420 3430/3511 3530/3591 3592/4520			
D239	LAUNDRY DAN DRY CLEANING	9301	<ul style="list-style-type: none"> <li>• <i>Clearing and degreasing process using organic solvent and strong caustic solvent</i></li> </ul>	<ul style="list-style-type: none"> <li>• Used solvent</li> <li>• Used caustic solvent</li> <li>• Sludge from <i>cleaning and degreasing</i> process</li> </ul>	<ul style="list-style-type: none"> <li>• Organic solvent</li> <li>• Hallogenated hydrocarbon</li> <li>• Fat and grease</li> </ul>
D240	WWTP of INDUSTRY Waste water Integrated Processing facility from activities are including in this table			<ul style="list-style-type: none"> <li>• Sludge from WWTP</li> </ul>	<ul style="list-style-type: none"> <li>• Metal and heavy metal (especially: As, Cd, Cr, Pb, Hg, Se, Ag, Cu, Ni)</li> <li>• Hallogenated hydrocarbon</li> <li>• Organic material</li> <li>• Ammonia</li> <li>• Sulfide</li> <li>• Fluoride</li> </ul>
D241	INCINERATION OPERATION		<ul style="list-style-type: none"> <li>• Incineration waste</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Fly ash</i></li> <li>• <i>Slag / bottom ash</i></li> <li>• Residue from <i>flue gas process</i></li> </ul>	<ul style="list-style-type: none"> <li>• Heavy metal</li> <li>• Residue from bad combustion</li> </ul>
D242	USED SOLVENT RECYCLING	9000	<ul style="list-style-type: none"> <li>• <i>Recycle/regeneration/purification of used organic solvent</i></li> </ul>	<ul style="list-style-type: none"> <li>• Residue from distillation and evaporation process</li> <li>• Filter and used absorbent</li> </ul>	<ul style="list-style-type: none"> <li>• Hallogenated hydrocarbon</li> <li>• Organic material</li> </ul>
D243	GAS INDUSTRY	4020	<ul style="list-style-type: none"> <li>• Manufacture and gas industry formulation (<i>acetylene, hydrogen</i>)</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Carbide waste</i> - residue</li> <li>• spent catalyst (<i>reformer/desulfurizer</i>)</li> </ul>	<ul style="list-style-type: none"> <li>• Alkyl residue</li> <li>• Heavy metal</li> </ul>
D244	CERAMICS/ENAMEL GLASS	2610	<ul style="list-style-type: none"> <li>• Manufacture and glass formulation and ceramic/enamel</li> </ul>	<ul style="list-style-type: none"> <li>• Glass powder</li> <li>• Oil emulsion</li> <li>• Residue from <i>etching process</i></li> <li>• Hg (<i>glass switches</i>)</li> <li>• Ash/sludge from emission monitoring equipment</li> <li>• <i>Opal glass</i> Residue - As</li> <li>• <i>Bronzing &amp; decolorizing agent</i> - As</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy metal (especially: Pb, Cd, Cr, Co, Ni, Ba)</li> <li>• Oil waste</li> <li>• Fluoride</li> </ul>

Appendix 1 TABLE 2. LIST OF WASTE FROM SPECIFIC RESOURCES

WASTE CODE	INDUSTRY/ACTIVITY	INDUSTRY CODE	POLLUTANT SOURCE	WASTE DESCRIPTION	MAIN POLLUTANT
D245	SEAL, GASKET, PACKING	3699	<ul style="list-style-type: none"> <li>• Manufacture and seal product formulation, gasket and packing</li> </ul>	<ul style="list-style-type: none"> <li>• Used asbestos</li> <li>• Adhesive coating</li> </ul>	<ul style="list-style-type: none"> <li>• Asbestos</li> <li>• Heavy metal (especially: Pb, Hg, Zn)</li> </ul>
D246	PAPER PRODUCT	2102 2109	<ul style="list-style-type: none"> <li>• Manufacture and paper product formulation</li> <li>• Printing and coloring</li> </ul>	<ul style="list-style-type: none"> <li>• Used adhesive</li> <li>• Residue from printing (ink)</li> <li>• Used solvent</li> <li>• SLUDGE from WWTP</li> </ul>	<ul style="list-style-type: none"> <li>• Organic solvent</li> <li>• Heavy metal from ink</li> </ul>
D247	CHEMICAL/INDUSTRIAL CLEANING	4520 9309	<ul style="list-style-type: none"> <li>• Degreasing, descaling, phosphating, derusting, passivation, refinishing, etc</li> </ul>	<ul style="list-style-type: none"> <li>• Alkali, acid solvent and or oxidation solvent was contaminated by metal, oil and grease</li> <li>• Residue from cleaning activity</li> </ul>	<ul style="list-style-type: none"> <li>• Acid solvent</li> </ul>
D248	PHOTO COPY	5150 2429	<ul style="list-style-type: none"> <li>• Tolls maintenance</li> <li>• MFDP toner</li> </ul>	<ul style="list-style-type: none"> <li>• Used Toner</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy metal (especially: Se)</li> </ul>
D249	ALL KIND OF INDUSTRY WHICH PRODUCE OR USING ELECTRICITY		<ul style="list-style-type: none"> <li>• Replacement, refilling, reconditioning process or retrofitting process from transformer and capacitor</li> </ul>	<ul style="list-style-type: none"> <li>• PCB waste</li> </ul>	<ul style="list-style-type: none"> <li>• PCB</li> </ul>
D250	ALL KIND OF CONSTRUCTION INDUSTRY		<ul style="list-style-type: none"> <li>• Replacing fireproof insulation (ac), insulation</li> </ul>	<ul style="list-style-type: none"> <li>• Asbestos</li> </ul>	<ul style="list-style-type: none"> <li>• Asbestos</li> </ul>
D251	AUTOMOTIVE MAINTENANCE WORKSHOP		<ul style="list-style-type: none"> <li>• Maintenance of Car, motorcycle, railway, plane, including body repair</li> </ul>	<ul style="list-style-type: none"> <li>• Used lubricating oil</li> <li>• Solvent (cleaning, degreasing)</li> <li>• Paint waste</li> <li>• Acid</li> <li>• Used battery</li> </ul>	<ul style="list-style-type: none"> <li>• Oil waste</li> <li>• Flammable solvent</li> <li>• Acid</li> <li>• Heavy metal</li> </ul>

Appendix 1

TABLE 3. LIST OF HAZARDOUS WASTE FROM OVERDUE CHEMICALS, THAT ARE EXPIRED, SPILLED, PACKAGE RESIDUE OR OFF-SPECIFICATION PRODUCT

WASTE CODE	POLLUTANT
D3001	Acetaldehyde
D3002	Acetamide
D3003	Acetic acid, salt and esters
D3004	Acetone
D3005	Acetonitrile
D3006	AcetylchlorideAsetilklorida
D3007	Acrolein
D3008	Acrylamide
D3009	Acrylonitrilel
D3010	Aldrin
D3011	Aluminum Alkyl compounds
D3012	Aluminum Phosphate
D3013	Ammonium Picrate
D3014	Ammonium Vanadate
D3015	Aniline
D3016	Arsenic and its compounds
D3017	Arsenic oxide, Tri-, Pent-
D3018	Arsenic Disulfide, Arsenic Trichloride
D3019	Diethyl arsine
D3020	Barium and its compounds
D3021	Chromated Copper Arsenate
D3022	Benzene
D3023	Chlorobenzene
D3024	1,3-Diisocyanatomethyl-Benzene
D3025	Diethyl benzene
D3026	Hexahydro benzene
D3027	Benzenesulfonic acid chloride
D3028	Benzenesulfonyl chloride
D3029	Beryllium and its compounds
D3030	Bis(chloromethyl) ether
D3031	Bromoform
D3032	1,1,2,3,4,4-Hexachloro-1,3-Butadiene
D3033	n-Butyl alcohol
D3034	Butane
D3035	Butyl aldehyde
D3036	Cadmium and its compounds

WASTE CODE	POLLUTANT
7 D3037	Calcium chromate
D3038	Ammoniacal copper arsenate
2 D3039	Dichloro carbonate
D3040	carbon disulfide
D3041	carbon tetrachloride
D3042	Chloroacetaldehyde
D3043	Chlorodane Alfa & Beta Isomer
D3044	Chloroethane (ethylchloride)
D3045	Chloroethane (vinyl chloride)
D3046	Chlorobromomethane
D3047	Chloroform
D3048	p-Chloroaniline
D3049	2-chloroethyl vinyl ether
D3050	Chloromethyl methyl ether
D3051	Chromic acid
D3052	Chromium and its compounds
D3053	Cyanide and its compounds
D3054	Creosote
D3055	Cumene
D3056	Cyclohexane
D3057	2,4-D, salt and esters
D3058	DDD
D3059	DDT
D3060	1,2-Dichlorobenzene
D3061	1,3-Dichlorobenzene
D3062	1,2-Dichloroethene
D3063	1,1-Dichloroethene
D3064	1,2-Dichloropropane
D3065	1,3-Dichloropropane
D3066	Dieldrin
D3067	Dimethyl phthalate
D3068	Dimethyl sulfate
D3069	2,4-Dinitrotoluene
D3070	2,6-Dinitrotoluene
D3071	Endrin and its metabolites
D3072	Epichlorohydrin
D3073	2-Ethoxy ethanol
D3074	1-Phenyl ethanone
D3075	Ethyl acrylate
D3076	Ethyl acetate

WASTE CODE	POLUTTANT
D3077	Ethyl benzene
D3078	Ethyl carbamate (Urethane)
D3079	Ethyl ether
D3080	Ethylene bisditiocarbamamic and its compounds
D3081	Ethylene dibromide
D3082	Ethylene dichloride
D3083	Ethylene glycol (Monoethyl ether)
D3084	Ethylene Oxide (Oxirane)
D3085	Fluorine
D3086	Fluoroacetamide
D3087	Fluoroacetic acid and sodium salt
D3088	Formaldehyde
D3089	Formic acid
D3090	Furan
D3091	Heptachlor
D3092	Hexachlorobenzene
D3093	Hexachlorobutadiene
D3094	Hexachloroethane
D3095	Hydrogen cyanide
D3096	Hydrazine
D3097	Phosphate acid
D3098	Fluoracetic acid
D3099	Fluoride acid
D3100	Sulfide acid
D3101	Hydroxybenzene (Phenol)
D3102	Hydroxytoluene (Cresol)
D3103	Isobutyl alcohol (isobuthanol)
D3104	Lead acetate
D3105	Lead chromate
D3106	Lead nitrate
D3107	Lead oxide
D3108	Lead phosphate
D3109	Lindane
D3110	Maleic anhydride
D3111	Maleic hydrazide
D3112	Mercury and its compounds
D3113	Methyl hydrazine
D3114	Methyl parathion
D3115	Tetrachlorometane
D3116	Tribromometane



WASTE CODE	POLLUTANT
D3117	Trichloromethane
D3118	Trichlorofluoromethane
D3119	Methanol (methyl alcohol)
D3120	Methoxychlor
D3121	Methyl bromide
D3122	Methyl chloride
D3123	Methyl Kloroform
D3124	Methylene bromide
D3125	Methyl isobutyl ketone
D3126	Methyl ethyl ceton
D3127	Methyl ethyl ceton peroxide
D3128	Methyl benzene (Toluene)
D3129	Methyl iodide
D3130	Napthalene
D3131	Nitric oxide
D3132	Nitrobenzene
D3133	Nitroglycerine
D3134	Oxyrane
D3135	Parathion
D3136	Paraldehyde
D3137	Pentachlorobenzene
D3138	Pentachloroethane
D3139	Pentachloronitrobenzene
D3140	Pentachlorophenol
D3141	Pentachloroethylene
D3142	Phenyl thiourea
D3143	Phosgene
D3144	Phosfine
D3145	Phosphorous sulfide
D3146	Phosphorous pentasulfide
D3147	Phthalic anhydride
D3148	1-Bromo,2-Propanone
D3149	2-Nitropropane
D3150	n-Propylamine
D3151	Propylene dichloride
D3152	Pyrene
D3153	Pyridine
D3154	Selenium and its compounds
D3155	Selenium dioxide
D3156	Selenium Sulfide
D3157	Silver cyanide

WASTE CODE	POLLUTANT
D3158	2,4,5-TP (silvex)
D3159	Sodium azide
D3160	Striknydine-10-one and salts
D3161	Sulfuric acid, Dimethyl Ester Sulfuric
D3162	Sulfur Phosphide
D3163	2,4,5-T
D3164	1,2,4,5-Tetrachlorobenzene
D3165	1,1,1,2-Tetrachloroethane
D3166	1,1,2,2- Tetrachloroethane
D3167	2,3,4,6-Tetrachlorophenol
D3168	Tetrachloromethane
D3169	Lead tetraethyl
D3170	2,4,5-Trichlorophenol
D3171	2,4,6-Trichlorophenol
D3172	1,3,5-Trinitrobenzene
D3173	Vanadium oxide
D3174	Vanadium pentoxide
D3175	Vinyl chloride
D3176	Warpharin
D3177	Dimethylbenzene
D3178	Zinc Phosphide

Appendix III.

Government Regulation of the Republic Indonesia

Number : 85 Year 1999

Date : 7 October 1999

**LIST OF POLLUTANT WITH CHRONIC TOXICITY**

WASTE CODE	GENERAL NAME
D 5001	Acetonitrile
D 5002	Acetophenone
D 5003	2-Acetylaminefluorene
D 5004	Acetyl chloride
D 5005	1-Acethyl-2-thiourea
D 5006	Acidic solutions or acid in solid form
D 5007	Acrolein
D 5008	Acrylamide
D 5009	Acrylonitrile
D 5010	Aflatoxins
D 5011	Aldicarb
D 5012	Aldicarb sulfone
D 5013	Aldrin
D 5014	Allyl alcohol
D 5015	Allyl chloride
D 5016	Aluminum phosphide
D 5017	4-Aminobiphenyl
D 5018	5(Aminomethyl)3-isoxazolol
D 5019	4-Aminopyridine
D 5020	Amitrole
D 5021	Ammonium vanadate
D 5022	Aniline
D 5023	Antimony
D 5024	Antimony compounds, NOS*
D 5025	Any congener polychlorinated dibenzo-furan
D 5026	Any congener polychlorinated dibenzo-p-dioxin
D 5027	Aramite

WASTE CODE	GENERAL NAME
D 5028	Arsenic
D 5029	Arsenic compounds, NOS*
D 5030	Arsenic acid
D 5031	Arsenic pentoxide
D 5032	Arsenic trioxide
D 5033	Asbestos (dust & fibres)
D 5034	Auramine
D 5035	Azaserine
D 5036	Barban
D 5037	Barium
D 5038	Barium compounds, NOS*
D 5039	Barium cyanide
D 5040	Basic solutions or bases in solid form
D 5041	Bendiocarb
D 5042	Bendiocarb-phenol
D 5043	Benomyl
D 5044	Benz[c]acridine
D 5045	Benz[a]anthracene
D 5046	Benzal chloride
D 5047	Benzene
D 5048	Benzeneearsonic acid
D 5049	Benzidine
D 5050	Benzo[b]fluoranthene
D 5051	Benzo[j]fluoranthene
D 5052	Benzo[k]fluoranthene
D 5053	Benzo[a]pyrene
D 5054	p-Benzoquinone
D 5055	Benzotrichloride
D 5056	Benzyl chloride
D 5057	Beryllium powder
D 5058	Beryllium compounds, NOS*
D 5059	Bis(pentamethylene)-thiuram tetrasulfide
D 5060	Bromoacetone
D 5061	Bromoform
D 5062	4-Bromophenyl phenyl ether
D 5063	Brucine
D 5064	Butyl benzyl phtalate
D 5065	Cacodylic acid

WASTE CODE	GENERAL NAME
D 5066	Cadmium
D 5067	Cadmium compounds, NOS*
D 5068	Calcium chromate
D 5069	Calcium cyanide
D 5070	Carbaryl
D 5071	Carbendazim
D 5072	Carbofuran
D 5073	Carbofuran phenol
D 5074	Carbon disulfide
D 5075	Carbon oxyfluoride
D 5076	Carbon tetrachloride
D 5077	Carbosulfan
D 5078	Chloral
D 5079	Chlorambucil
D 5080	Chlordane
D 5081	Chlordane (alpha and gamma isomers)
D 5082	Chlorinated benzenes, NOS*
D 5083	Chlorinated ethane, NOS*
D 5084	Chlorinated fluorocarbons, NOS*
D 5085	Chlorinated naphtalene, NOS*
D 5086	Chlorinated phenol, NOS*
D 5087	Chlornaphazine
D 5088	Chloroacetaldehyde
D 5089	Chloroalkyl ethers, NOS*
D 5090	p-Chloroaniline
D 5091	Chlorobenzene
D 5092	Chlorobenzilate
D 5093	p-Chloro-m-cresol
D 5094	2-Chloroethyl vinyl ether
D 5095	Chloroform
D 5096	Chloromethyl methyl ether
D 5097	Beta-Chloronaphtalene
D 5098	o-Chlorophenol
D 5099	1-(o-Chlorophenyl) thiourea
D 5100	Chloroprene
D 5101	3-Chloropropionitrile
D 5102	Chromium
D 5103	Chromium compounds, NOS*

WASTE CODE	GENERAL NAME
D 5104	Chrysene
D 5105	Citrus red no.2
D 5106	Coal tar creosote
D 5107	Copper cyanide
D 5108	Creosote
D 5109	Cresol (cresilic acid)
D 5110	Crotonaldehyde
D 5111	m-Cumenyl methyl carbamate
D 5112	Cyanides (soluble salt & complexes), NOS*
D 5113	Cyanogen
D 5114	Cyanogen bromide
D 5115	Cyanogen chloride
D 5116	Cycasin
D 5117	Cycloate
D 5118	2-Cyclohexyl-4,6-dinitrophenol
D 5119	Cyclophosphamide
D 5120	2,4-D
D 5121	2,4-D, salt, esters
D 5122	Daunomycin
D 5123	Dazomet
D 5124	DDD
D 5125	DDE
D 5126	DDT
D 5127	Diallate
D 5128	Dibenza[a,h]acridine
D 5129	Dibenza[a,j]acridine
D 5130	Dibenza[a,h]anthracene
D 5131	7H-Dibenzo(c,g)carbazole
D 5132	Dibenzo[a,e]pyrene
D 5133	Dibenzo[a,h]pyrene
D 5134	Dibenzo[a,I]pyrene
D 5135	1,2-Dibromo-3-chloropropane
D 5136	Dibutyl phthalate
D 5137	o-Dichlorobenzene
D 5138	m-Dichlorobenzene
D 5139	p-Dichlorobenzene
D 5140	Dichlorobenzene, NOS*
D 5141	3,3-Dichlorobenzidine

WASTE CODE	GENERAL NAME
D 5142	1,4-Dichloro-2-butene
D 5143	Dichlorodifluoromethane
D 5144	Dichloroethylene, NOS*
D 5145	1,1- Dichloroethylene
D 5146	1,2- Dichloroethylene
D 5147	Dichloroethyl ether
D 5148	Dichloroisopropyl ether
D 5149	Dichloromethoxy ethane
D 5150	Dichloromethyl ether
D 5151	2,4-Dichlorophenol
D 5152	2,6-Dichlorophenol
D 5153	Dichlorophenylarsine
D 5154	Dichloropropane, NOS*
D 5155	Dichloropropanol, NOS*
D 5156	Dichloropropene, NOS*
D 5157	1,3-Dichloropropene
D 5158	Dieldrin
D 5159	1,2,3,4-Diepoxybutane
D 5160	Diethylarsine
D 5161	1,4-Diethyleneoxyde
D 5162	Diethylhexyl phtalate
D 5163	N,N'-Diethylhydrazine
D 5164	O,O-Diethyl S-methyl dithiophosphate
D 5165	Diethyl-p-nitrophenyl phosphate
D 5166	Diethyl phtalate
D 5167	O,O-Diethyl O-pyrazinyl phosphorothioate
D 5168	Diethylene glycol, dicarbamate
D 5169	Diethylstillbesterol
D 5170	Dihydrosafrole
D 5171	Diisopropylfluorophosphate (DFP)
D 5172	Dimethoate
D 5173	3,3'-Dimethoxibenzidine
D 5174	p-Dimethylaminoazobenzene
D 5175	7,12-Dimethylbenz[a]anthracene
D 5176	3,3'-Dimethylbenzidine
D 5177	Dimethylcarbamoil chloride
D 5178	1,1-Dimethylhydrazine
D 5179	1,2-Dimethylhydrazine

WASTE CODE	GENERAL NAME
D 5180	Alpha,alpha-Dimethylphenethylamine
D 5181	2,4-Dimethylphenol
D 5182	Dimethyl phtalate
D 5183	Dimethyl sulfate
D 5184	Dimetilen
D 5185	Dinitrobenzene,NOS*
D 5186	4,6-Dinitro-o-cresol
D 5187	4,6-Dinitro-o-cresol salts
D 5188	2,4-Dinitrophenol
D 5189	2,4-Dinitrotoluene
D 5190	2,6-Dinitrotoluene
D 5191	Dinoseb
D 5192	Di-n-octylphtalate
D 5193	Diphenylamine
D 5194	1,2-Diphenylhydrazine
D 5195	Di-n-propylnitrosamine
D 5196	Disulfiram
D 5197	Disulfoton
D 5198	Dithiobiuret
D 5199	Endosulfan
D 5200	Endothall
D 5201	Endrin
D 5202	Endrin metabolites
D 5203	Epichlorohydrin
D 5204	Epinephrine
D 5205	EPTC
D 5206	Ethyl carbamate (urethane)
D 5207	Ethers
D 5208	Ethyl cyanide
D 5209	Ethylenebisdithiocarbamic acid
D 5210	Ethylenebisdithiocarbamic acid, salts & esters
D 5211	Ethylene dibromide
D 5212	Ethylene dichloride
D 5213	Ethylene glycol monoethyl ether
D 5214	Ethyleneimine
D 5215	Ethylene oxyde
D 5216	Ethylenethiourea
D 5217	Ethylidene dichloride



WASTE CODE	GENERAL NAME
D 5218	Ethylmethacrylate
D 5219	Ethyl methanesulfonate
D 5220	Ethyl ziram
D 5221	Famphur
D 5222	Ferbam
D 5223	Fluoranthene
D 5224	Fluorine
D 5225	Fluoroacetamide
D 5226	Fluoroacetic acid, sodium salt
D 5227	Formaldehyde
D 5228	Formetanate hydrochloride
D 5229	Formic acid
D 5230	Formparanate
D 5231	Glycidylaldehyde
D 5232	Halogenated organic solvents
D 5233	Halomethanes, NOS*
D 5234	Heptachlor
D 5235	Heptachlor Epoxide
D 5236	Heptachlor Epoxide (alpha,beta & gamma isomers)
D 5237	Heptachlorodibenzofurans
D 5238	Heptachlorodibenzo-p-dioxin
D 5239	Hexachlorobenzene
D 5240	Hexachlorobutadiene
D 5241	Hexachlorocyclopentadiene
D 5242	Hexachlorodibenzo-p-dioxin
D 5243	Hexachlorodibenzofurans
D 5244	Hexachloroethane
D 5245	Hexachlorophene
D 5246	Hexachloropropene
D 5247	Hexaethyl tetraphosphate
D 5248	Hexavalent chromium compounds
D 5249	Hydrazine
D 5250	Hydrogen cyanide
D 5251	Hydrogen fluoride
D 5252	Hydrogen sulfide
D 5253	Indeno[1,2,3-cd]pyrene
D 5254	3-Iodo-2-propynyl-n-butylcarbamate
D 5255	Inorganic cyanides

WASTE CODE	GENERAL NAME
D 5256	Inorganic fluorine compounds
D 5257	Isobutyl alcohol
D 5258	Isodrin
D 5259	Isolan
D 5260	Isosafrole
D 5261	Kepone
D 5262	Lasiocarpine
D 5263	Lead
D 5264	Lead compounds, NOS*
D 5265	Lead acetate
D 5266	Lead phosphate
D 5267	Lead subacetate
D 5268	Lindane
D 5269	Maleic anhydride
D 5270	Maleic hydrazine
D 5271	Malononitrile
D 5272	Manganese dimethyldithio-carbamate
D 5273	Melphalan
D 5274	Mercury
D 5275	Mercury compounds, NOS*
D 5276	Mercury fulminate
D 5277	Metal carbonyl
D 5278	Metam sodium
D 5279	Methacrylonitrile
D 5280	Methapyrilene
D 5281	Methiocarb
D 5282	Methomyl
D 5283	Methoxychlor
D 5284	Methyl bromide
D 5285	Methyl chloride
D 5286	Methyl chlorocarbonate
D 5287	Methyl chloroform
D 5288	3-Methylcholanthrene
D 5289	4,4- Methylenebis(2-chloroaniline)
D 5290	Methylene bromide
D 5291	Methylene chloride
D 5292	Methyl ethyl ketone (MEK)
D 5293	Methyl ethyl ketone peroxide

WASTE CODE	GENERAL NAME
D 5294	Methyl hydrazine
D 5295	Methyl iodide
D 5296	Methyl isocyanate
D 5297	2- Methylactonitrile
D 5298	Methyl methacrylate
D 5299	Methyl methanesulfonate
D 5300	Methyl parathion
D 5301	Methylthiouracil
D 5302	Metolcarb
D 5303	Mitomycin C
D 5304	MNNG
D 5305	Molinate
D 5306	Mustard gas
D 5307	Naphtalene
D 5308	1,4-Naphtoquinone
D 5309	alpha-Naphtylamine
D 5310	beta- Naphtylamine
D 5311	alpha-Naphtylthiourea
D 5312	Nickel
D 5313	Nickel compounds, NOS*
D 5314	Nickel carbonyl
D 5315	Nickel cyanide
D 5316	Nicotine
D 5317	Nicotine salts
D 5318	Nitric oxide
D 5319	p-nitroaniline
D 5320	Nitrobenzene
D 5321	Nitrogen dioxide
D 5322	Nitrogen mustard
D 5323	Nitrogen mustard,hydrochloric salts
D 5324	Nitrogen mustard N-oxides
D 5325	Nitrogen mustard, N-oxide,hydrochloride salt
D 5326	Nitroglycerin
D 5327	p-Nitrophenol
D 5328	2-Nitropropane
D 5329	Nitrosamines, NOS*
D 5330	N-Nitrosodi-n-butylamine
D 5331	N-Nitrosodiethanolamine