

Characteristic Hazardous Waste

A waste is a characteristic waste if it meets any of the characteristics identified in 40 CFR 261 Subpart C (D code waste).

Ignitability (D001) [40 CFR 261.21] -

(1) A liquid (other than an aqueous solution containing < 24% alcohol by volume) that has flash point <140 °F [Method Pensky-Martens or Setaflash].

(2) A non-liquid that is capable (under STP) of causing fire through friction, absorption of moisture or spontaneous chemical changes and, when ignited, burns so vigorously and persistently that it creates a hazard.

(3) An ignitable compressed gas.



Corrosivity (D002) [40 CFR 261.22] -

(1) Is an aqueous solution with a pH ≤ 2 or ≥ 12.5 [Method 9040C in SW-846].

(2) Is a liquid that corrodes steel (SAE 1020) at a rate of > ¼ inch per year at a test temperature of 130 °F [Method 1110A in SW-846].



Reactivity (D003) [40 CFR 261.23] -

(1) It is normally unstable and readily undergoes violent change without detonating.

(2) It reacts violently with water.

(3) It forms potentially explosive mixtures with water.

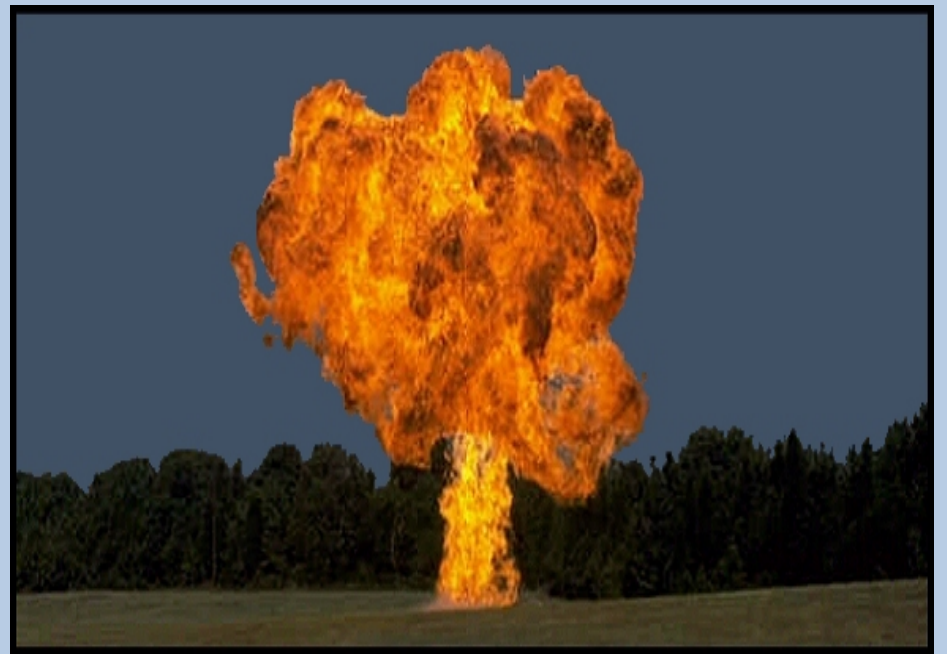
(4) When mixed with water, it generates toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment.

(5) It is a cyanide or sulfide bearing waste which, when exposed to pH conditions between 2 and 12.5, can generate toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment.

(6) It is capable of detonation or explosive reaction if it is subjected to a strong initiating source or if heated under confinement.

(7) It is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure.

(8) It is a forbidden explosive as defined in 49 CFR 173.54, or is a Division 1.1, 1.2 or 1.3 explosive as defined in 49 CFR 173.50 and 173.53.



Toxicity (D004 to D043) [40 CFR 261.24] – A waste that contains constituents above the regulatory threshold listed in Table 1 of 40 CFR 261.24 using the Toxicity Characteristic Leaching Procedure (TCLP) test [Method 1311 in SW846].

Constituents: arsenic, barium, benzene, cadmium, carbon tetrachloride, chlordane, chlorobenzene, chloroform, chromium, o-cresol, m-cresol, p-cresol, total cresols, 2,4-D, 1,4-dichlorobenzene, 1,2-dichloroethane, 1,1-dichloroethylene, 2,4-dinitrotoluene, endrin, heptachlor (and its epoxide), hexachlorobenzene, hexachlorobutadiene, hexachloroethane, lead, lindane, mercury, methoxychlor, methyl ethyl ketone, nitrobenzene, pentachlorophenol, pyridine, selenium, silver, tetrachloroethylene, toxaphene, trichloroethylene, 2,4,5-trichlorophenol, 2,4,6-trichlorophenol, 2,4,5-TP (silvex), and vinyl chloride.



Disclaimer: This poster is for guidance purposes only. It is not official rule language and does not include a comprehensive listing of all environmental regulations that may be applicable to facilities.

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