

Hazardous Waste Characteristics

Ignitability (D001)

- a liquid, other than an aqueous solution containing less than 24% alcohol by volume, that has a flash point less than 60° C (140° F);
- not a liquid but is capable, under standard temperature and pressure, 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;
- an ignitable compressed gas; or
- an oxidizer.



Corrosivity (D002)

- It is aqueous and has a pH less than or equal to 2 or greater than or equal to 12.5, as determined by a pH meter.
- or
- It is a liquid and corrodes steel (SAE 1020) at a rate greater than 6.35 mm (0.25 inch) per year at a test temperature of 55° C (130° F).



Reactivity (D003)

- unstable and readily undergoes violent change without detonating;
- reacts violently with water;
- forms potentially explosive mixtures with water;
- generates toxic gases, vapors, or fumes when mixed with water;
- a cyanide or sulfide-bearing waste that, when exposed to pH conditions between 2 and 12.5, can generate toxic gases, vapors or fumes;
- capable of detonation or explosive reaction if it is subjected to a strong initiating source or if heated under confinement;
- capable of detonation or explosive reaction at standard temperature and pressure; or
- a forbidden explosive as defined in 49 CFR 173.51, a Class A explosive as defined in 49 CFR 173.53, or a Class B explosive as defined in 49 CFR 173.88.



Toxicity (D004-D043)

Chemicals that exhibit the characteristic of toxicity when tested using the EPA's Toxicity Characteristic Leaching Procedure (TCLP) are TCLP Toxic. They contain contaminants greater than an established allowable level.



