

Hazardous Waste Determination Process

1) IS THE MATERIAL A WASTE?

Is it UNUSED, UNUSABLE, UNWANTED or SPILLED original product

OR

Is it a SPENT or USED product or MIXTURE

OR

Is it a CONTAMINATED SOLID

2) IS THE MATERIAL A CHARACTERISTIC WASTE? --Does the waste exhibit any of the following:

Is it Ignitable?

- Flammable Liquid-F.P. <140F/60C
- Flammable Solid – ignitable through friction
- Oxidizer
 - Nitrate
 - Peroxide
 - Per(sulfate, manganate, iodate)

Is it Corrosive?

- Liquid
- pH ≤ 2.0
- pH ≥ 12.5
- Solids do not meet definition

Is it Reactive?

- Unstable
- Explosive
- Reacts violently with air or water
- Sulfide or Cyanide bearing waste
- Reacts with water to generate toxic or flammable gas

Is it Toxic? -does it contain ppm (0.0001%) levels of the following:

Metals	Pesticides	Organic Compounds	
Arsenic	Chlordane	Benzene,	Carbon Tetrachloride
Barium	Endrin	Chloroform,	Cresol (ortho, meta, para)
Cadmium	Heptachlor	1,4 dichlorobenzene,	Chlorobenzene
Chromium	Lindane	1,1 dichloroethylene	Pentachlorophenol
Lead	Methoxychlor	2,4 dinitrotoluene	Pyridine
Mercury	Toxaphene	Hexachlorobenzene	Tetrachloroethylene
Silver	2,4-D	Hexachlorobutadiene	Trichloroethylene
Selenium	2,4,5-TP (Silvex)	Hexachloroethane	Vinyl Chloride
	2,4,6 -Trichlorophenol	Nitrobenzene	
	2,4,5- Trichlorophenol	1,2 dichloroethane	

3) IS THE MATERIAL A LISTED WASTE?

P or U listed waste includes only unused products, dilutions or clean-up from spills
F-listed waste includes only spent solvents or mixtures

P-List

- Sodium Azide
- Sodium Cyanide
- Endosulfan
- Brucine
- 2,4-Dinitrophenol
- Vanadium Pentoxide

[Search P-List](#)

U-List

- Sodium Azide
- Sodium Cyanide
- Formaldehyde
- Acrylamide
- Dibutyl Phthalate
- Aniline

[Search U-List](#)

F-List

- Spent Solvents**
- Acetone
 - Ethyl Acetate
 - Methanol
 - Ethyl Ether
 - Methylene Chloride
 - Trichloroethane
 - Chlorobenzene

[Search F-List](#)

4) If your waste is Characteristic or Listed or Both, it must be managed as a Hazardous Waste

5) Hazardous Waste label is required on mixtures and original products that become waste. Constituents/Characteristics form basis of waste determination