

Hazardous Waste Labeling Rules

- All hazardous waste containers must have:
 - The words "Hazardous Waste"
 - The contents, including percentages for mixtures
 - An indication of the **hazard(s) of the contents**

- A completed yellow tag attached to the container **when waste is first added** meets these requirements

Waste Labeling Example

HAZARDOUS WASTE WT-664004

ATTACH THIS TAG TO WASTE CONTAINER WHEN WASTE IS FIRST ADDED

Chemical Name	%	Check all that apply (check at least one)	✓
Acetone	80	IGNITABLE	<input checked="" type="checkbox"/>
Water	20	CORROSIVE	<input type="checkbox"/>
		REACTIVE	<input type="checkbox"/>
		TOXIC	<input type="checkbox"/>
		EH&S Use Only	
		Pickup/Accumulation Start Date:	

Environmental Health & Safety (813) 974-4036

Enter Chemical Name(s) and Percentage(s)
*must add up to 100%

Check Appropriate Hazard(s)
**use a permanent marker*

Ignitable Waste

- Liquids with a flash-point less than 140 degrees Fahrenheit
- Solids capable of causing fire through
 - friction
 - absorption of moisture
 - spontaneous chemical changes
- Compressed ignitable gases
- Oxidizers

Examples of Ignitable Wastes

- Gasoline, Acetone, Alcohols
- Lithium, Sodium
- Propane, Methane, Acetylene
- Ammonium Nitrate, HTH Chlorine

Corrosive Waste

- Aqueous solutions with a pH less than 2 or greater than 12.5
- Liquids which corrode steel (SAE 1020) at a rate greater than 6.35mm per year
- Examples:
 - Hydrochloric Acid, Sulfuric Acid, Acetic Acid
 - Sodium Hydroxide, Potassium Hydroxide
 - Elemental Mercury

Reactive Waste

- Any waste which is
 - normally unstable (pyrophorics)
 - reacts violently or generates toxic fumes when in contact with water
 - a cyanide or sulfide bearing chemical
 - capable of detonation
 - a forbidden explosive

Examples of Reactive Wastes

- Phosphorous
- Sodium, Potassium
- Sodium Cyanide, Sodium Sulfide
- TNT, Picric Acid

Toxic Waste

- Solid or Liquid wastes which contain a contaminant from the TCLP list (D004-D043)
- Certain Listed Wastes (especially “U” and “P” listed wastes)
- Examples:
 - Heavy Metals: Arsenic, Lead, Mercury
 - Solvents: MEK, Chloroform, Benzene
 - Certain Pesticides: 2,4-D, Endrin, Lindane

Examples of Listed Toxic Wastes*

"F" Listed	"U" Listed	"P" Listed
Tetrachloroethylene	Acetonitrile	Arsenic pentoxide
Trichloroethylene	1,4-dichloro-benzene	Benzyl chloride
Methylene chloride	1,4-Dichloro-2-butene	Carbon disulfide
1,1,1-trichloroethane	Ethylene oxide	Cyanides (soluble cyanide salts)
Carbon tetrachloride	Formaldehyde	Ethyleneimine
Nitrobenzene	Hydrazine	Fluorine
Toluene	Isobutyl alcohol	Heptachlor
Carbon disulfide	Methanethiol	Osmium tetroxide
Isobutanol	Methyl methacrylate	Sodium azide
Pyridine	Toluene diisocyanate	Vanadium pentoxide

* May have other hazards in addition to toxicity