

**Caution:** This Chart is intended as an indication of some of the hazards that can be expected on mixing chemical wastes. Because of the differing activities of the thousands of compounds that may be encountered, it is not possible to make any chart definitive and all inclusive. It cannot be assumed to ensure compatibility of wastes because wastes are not classified as hazardous on the chart, nor do any blanks necessarily mean that the mixture cannot result in a hazard occurring. Detailed instructions as to hazards involved in handling and disposing of any given waste should be obtained from the originator of the waste.

No.	Reactivity Group Name																											
1	Acids, Mineral, Non-oxidizing	1																										
2	Acids, Mineral, Oxidizing		2																									
3	Acids, Organic		G	3																								
4	Alcohols and Glycols	H	H	H	4																							
5	Aldehydes	H	H	H		5																						
6	Amides	H	H				6																					
7	Amines, Aliphatic and Aromatic	H	H					7																				
8	Azo Compounds, Diazo Compounds and Hydrazines	H	H	H					8																			
9	Carbamates	H	H						G	9																		
10	Caustics	H	H	H					H	G	10																	
11	Cyanides	GT	GT	GT						G		11																
12	Dithiocarbamates	H,F	H,F	H,GT						H			12															
13	Esters	H	H							H	H			13														
14	Ethers	H	H											14														
15	Fluorides, Inorganic	GT	GT	GT										15														
16	Hydrocarbons, Aromatic		H											16														
17	Halogenated Organics	H	H,F					H	H	H	H				17													
18	Isocyanates	H	H,F	H				H	H	H,P	H				18													
19	Ketones	H	H						H		H				19													
20	Mercaptans and Other Organic Sulfides	GT	H,F						H						H	H	H	20										
21	Metals, Alkali and Alkaline Earth, Elemental	H,F	H,F	H,F	H,F	H,F	GF	GF	GF	GF	GF	GF	GF	GF	H	GF	GF	GF	21									
22	Metals, Other Elemental & Alloys as Powders, Vapors, or Sponges	H,F	H,F	G					H,F	GF					H	GF	H,F		22									
23	Metals, Other Elemental & Alloys as Sheets, Rods, Drops, etc.	H,F	H,F						H,F						H				23									
24	Metals and Metal Compounds, Toxic	S	S	S			S	S		S									24									
25	Nitrides	GF	H,F	H,E	GF				U	H	U	GF	GF	GF		GF	GF	GF	E	25								
26	Nitriles	H,GT	H,F								U							H		GF	26							
27	Nitro Compounds, Organic		H,F							H								H,E		H,E	27							

Legend	
Code	Consequences
H	Heat Generation
F	Fire
G	Innocuous and non-flammable gas generation
GT	Toxic Gas formation
GF	Flammable Gas formation
E	Explosion
P	Violent Polymerization
S	Solubilization of toxic substance
U	May be hazardous, but Unknown

