

Classes of Incompatible Chemical Wastes

A	(Incompatible With)	B
<i>Alkali and alkaline earth</i> Carbides Hydrides Hydroxides Metals Oxides Peroxides		<i>Water</i> Acids Halogenated organic compounds Halogenating agents Oxidizing agents
<i>Azides, inorganic</i>		<i>Acids</i> Heavy metals and their salts Oxidizing agents
<i>Cyanides, inorganic</i>		<i>Acids</i> Strong bases
<i>Nitrates, inorganic</i>		<i>Acids</i> Reducing agents
<i>Nitrates, inorganic</i>		<i>Acids</i> Oxidizing agents
<i>Organic compounds</i> Organic acyl halides Organic anhydrides Organic halogen compounds Organic nitro compounds		<i>Oxidizing agents</i> Bases Organic hydroxy and amino compounds Bases Organic hydroxy and amino compounds Group IA and IIA metals Aluminum Strong bases
<i>Oxidizing agents</i> Chlorates Chromates Chromium trioxide Dichromates Halogens Halogenating agents Hydrogen peroxide Nitric acid Nitrates Perchlorates Peroxides Permanganates Persulfates		<i>Reducing agents</i> Ammonia, anhydrous and aqueous Carbon Metals Metal hydrides Nitrites Organic compounds Phosphorus Silicon Sulfur
<i>Reducing agents</i>		<i>Oxidizing agents</i> Arsenates Arsenites Phosphorus Selenites Selenates

EH&S Website Link: <http://our.alfred.edu/index.cfm/fuseaction/ehs.first.cfm>

EH&S: Rev. 04/03/09