

Chemical Spill Kit

Type of Chemical	Associated Neutralizer	Specific Personal Protective Equipment
Acids	<ul style="list-style-type: none"> • Sodium Bicarbonate (Baking Soda), Sodium Carbonate, Calcium Carbonate or AMPHOMAG • Commercial Neutrasorb 	Compatible Gloves
Acid Chlorides	<ul style="list-style-type: none"> • Dry Sand, Oil-Dri, Zorb-all or other inert absorbent • AVIOD water and AVOID Sodium Bicarbonate 	Compatible Gloves
Alkali Metals - Lithium -Sodium -Magnesium -Potassium	<ul style="list-style-type: none"> • Class "D" Fire Extinguisher or dry sand • AVOID contact with water • If possible, dispose of by slow addition of isopropanol • Dry Sand or Vermiculite 	Compatible Gloves
Bases	<ul style="list-style-type: none"> • Sodium bisulfate or AMPHOMAG • Commercial Neutrocit 2 	Compatible Gloves
Bromine	<ul style="list-style-type: none"> • 5% solution of Sodium Thiosulfate • Inert absorbent material 	Compatible Gloves
Chloroform/Phenol	<ul style="list-style-type: none"> • Isopropanol (IPA) or polyethylene glycol (PEG) 300 or polyethylene glycol 400 for skin contact 	Compatible Gloves
Flammables	<ul style="list-style-type: none"> • Activated charcoal, sand or non-combustible absorbent pads 	Compatible Gloves
Hydrofluoric Acid	<ul style="list-style-type: none"> • Neutralize with soda ash, AMPHOMAG or lime (or absorb with special HF spill pillow) • Absorb with inert absorbent material 	<ul style="list-style-type: none"> • Butyl or Neoprene Gloves • Impervious rubber apron • Face Shield
Oxidizer	<ul style="list-style-type: none"> • non-combustible absorbent pads 	Compatible Gloves
Solvents (Organic)	<ul style="list-style-type: none"> • inert absorbent (i.e. Solubsorb) 	Compatible Gloves
Thiols/Mercaptans	<ul style="list-style-type: none"> • The odor can be removed with activated charcoal 	Compatible Gloves
White or Yellow Phosphorus	<ul style="list-style-type: none"> • Blanket with wet sand or wet absorbent 	Compatible Gloves
Biological	<ul style="list-style-type: none"> • Bleach (Diluted Bleach does not work) 	Compatible Gloves