

PROVIDE SAFETY
with an
EFFECTIVE
IMMEDIATE
RESPONSE



Chemical Hazard Safety Program

- PROTECTS individuals and property from hazardous chemical spills
- SIMPLE solution for chemical spills
- IMMEDIATE response equipment
- INTEGRATED campus-wide chemical hazard response
- EASY to:
 - TRAIN with provided videos, literature, and customer support.
 - MAINTAIN a consistent and recognizable system campus wide.
 - USE when face with hazards of a chemical spill.
- NanoScale will work with you to jointly assess your institutions's needs

"Recently the University experienced a small laboratory spill involving organic acid and glycerin. A laboratory investigator poured some formic acid, acetic acid, and lactic acid into a waste bottle containing glycerin and the bottle was closed appropriately. A short time later, the investigator found that the waste bottle had exploded showering the laboratory with shards of glass and chemicals...

"After neutralization, clean up was a smooth operation...

"...It made clean-up quick and easy. Thanks for an excellent product."

Steve Galitzer
Director of the Department of Environmental
Health and Safety
Kansas State University

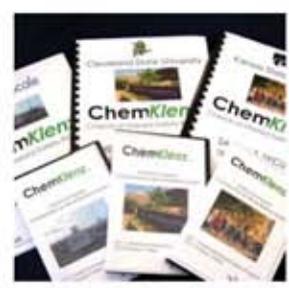


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ChemKlenz - Chemical Hazard Safety Program is an effective solution for organizations and institutions where hazardous chemicals are used or stored. ChemKlenz™ provides PROTECTION for individuals and property from chemicals in the form of a SIMPLE solution that provides IMMEDIATE response to a BROAD array of chemical hazards. ChemKlenz can be INTEGRATED easily into existing response plans and safety programs, but best of all it is easy to TRAIN, MAINTAIN, and USE.

Response	Prevention	Equipment	Resources	Training
Hazardous Chemicals Liquids & Vapors	Awareness & Training	Immediate Chemical Response	Safety & Administration	Knowledge & Understanding



- ChemKlenz can effectively contain and neutralize a broad range of chemical hazards associated with common industrial chemicals
- The ChemKlenz program is designed to cover many aspects of different chemical hazard response.
- This program can be customized to meet your facility's needs
- ChemKlenz is available in shakers, pails, and pressurized cylinders
- "Immediate Spill Response" signage
- Safety forms package
- ChemKlenz technical information
- Document templates
- Customized Resource CD
- Demonstrations
- Standard Operating Procedures
- Guides
- Presentations

Neutralization	Adsorption	Containment
Corrosive Materials	Vapor Hazards	Liquid Solvent Spills
<p>Acids Inorganic and Organic Hydrochloric Acid Hydrofluoric Acid* Hydrobromic Acid Nitric Acid* Phosphoric Acid Sulfuric Acid* Acetic Acid Methanesulfonic Acid Ethanesulfonic Acid Benzenesulfonic Acid Toluenesulfonic Acid</p> <p>Phosphorus Pesticides Dimethylmethyl Phosphonate Paraoxon Parathion*</p> <p>Sulfur 2-Chloroethyl Ethyl Sulfide Methyl Mercaptan</p> <p>Phenols Nitrophenols Chlorophenols</p>	<p>Acidic and Caustic Gases Hydrogen Chloride Hydrogen Fluoride Hydrogen Bromide* NO_x/N₂O* Sulfur Dioxide Hydrogen Sulfide* Diborane* Hydrogen Selenide* Phosphine* Ammonia Carbonyl Sulfide Hydrogen Cyanide*</p> <p>Chlorinated Organics Acetyl Chloride Chloroacetyl Chloride Chloroform Methylene Chloride</p> <p>Halogens Chlorine* Bromine Iodine</p> <p>Volatile Organics Methyl Mercaptan* Ethylene Oxide* Formaldehyde* Phosgene* Arsine*</p>	<p>Alcohols/Phenols Ethanol Methanol Allyl Alcohol* Nitrophenols Chlorophenols</p> <p>Caustics Anhydrous Ammonia* Metal Hydroxides (aq)</p> <p>Petrochemicals Diesel Gasoline Oils</p> <p>Others Acrylonitrile* Benzene Hydrazine* Toluene Acrolein* Methylhydrazine* Methylisocyanate*</p>
LIQUID & VAPOR CHEMICAL SPILLS AND RELEASES		
<p>Note: Depending on the amount of ChemKlenz used, various chemicals may undergo a combination of neutralization, adsorption, and/or containment. *Denotes Top 27 Toxic Industrial Chemicals (USA CHPPM)</p>		