

AMERICAN BIO-SAFETY

Spill Control DO's & DON'T's

ACID HANDLER™



- **DO** use on the following acids;

Acetic Acid	Acetic Anhydride
Acetyl Chloride	Aluminum Chloride
Chlorosulfonic Acid	Citric Acid
Formic Acid	Glacial Acetic Acid
Hydrochloric Acid	Muriatic acid
Hydrofluosilic acid	Nitric acid
Perchloric acid	Phosphoric acid
Phosphoric anhydride	Sulfonic acid
Phosphorus pentoxide	Sulfuric acid
Phosphorous trichloride	
Dodecylbensylsulfonic acid	
54% hydrofluoric acid solution	
Chromic Acid solutions-Chromium waste hazard	

- **DO NOT** use on the following;

Chlorine	Oxidizers
Sodium Amide	Picric Acid
Hydrogen Peroxide	Iodic Acid
Sulfurous Fluoride Antimony	
Pentafluoride ("Super-Acids")	
Concentrated Hydrofluoric acid	

SOLVENT HANDLER™



- **DO** use on the following;

-Alcohols	-Xylene
-Chloroform	-Acetone
-Methyl Ethyl Ketone	-Ethyl Acetate
-111 Trichlorethane	-Gasoline
-NN Dimethylformamide	-Diesel
-Most all Hydrocarbons	-Most all Halogens

DO NOT use in large volume in enclosed area. Be Extremely Careful using SOLVENT HANDLER™ on solvents with low auto-ignition temperature like "Nitromethane"

BASE CONTROL™



- **DO** use on the following bases;

Triethylalamine	Morpholine
Monoethanolamine	Anhydrous Ammonia
Most Alkali Detergents	
Sodium Metasilicate solution	
Sodium Hydroxide = caustic soda	
Potassium Hydroxide = caustic potash	
Ammonium Hydroxide = aqua ammonia	

- **DO NOT** use on the following;

Chlorine	Hydrogen Peroxide
Oxidizers	Sulfurous Fluoride
Sodium Hypochloride	Sodium Amide

POLYFORM-F™



- **DO** use on the following;

Formaldehyde	Formalin	10% formalin
Formaldehyde-based Embalming solution		
Glutaraldehyde	Glutaraldehyde solution, eg,	
Cidex, Cidex-OPA, Metracide, Wavacide, and		
OmniCide		

Bouins Fixative - add Polyform-F™ to destroy formaldehyde. Neutralize pH with bicarbonate or caustic soda. This will convert picric acid to sodium picrate, which can be disposed of safely.

B-5 Fixative - Contains heavy metals, which constitutes a hazardous waste.

The lists given herein are general and do not necessarily include all the materials Acid Handler™, Polyform-F™, Base Control™, and Solvent Handler™ can or cannot be used on. If you would like an exotic species tested, or have questions as to application of the products, call the S&S Company of Georgia, Inc. or American Bio-Safety at the respective numbers listed below. We will try applying our products to your substance and determine a suitable procedure for spill situations.

American Bio-Safety

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