

POLYFORM-F™



Polyform-F™ quickly and safely controls accidental releases and spills of formaldehyde, glutaraldehyde and other aldehydes, including Cidex-OPA. Once applied to the spill, Polyform-F™ destroys the aldehyde solution, eliminating the harmful vapors in 2 to 3 minutes, leaving a non-hazardous biodegradable polymer, making cleanup and disposal safe and easy.

Directions:

1. Consult M.S.D.S. for the spilled chemical solution, to become familiar with its chemical properties and health & safety requirements.
2. Select and wear proper personnel protective equipment as recommended or noted on the M.S.D.S. for the spilled chemical solution.
3. Evacuate area as necessary to ensure safety of personnel.
4. Eliminate all sources of ignition and insure there is adequate ventilation in the area of the spill.
5. Add Polyform-F™ around the perimeter of the spill to dike the liquid and prevent spreading. From the upwind side, cover the entire area from edge to edge at a **ratio of approximately one-to-one**, completely covering the spill and taking care to avoid vapors and splashing.
6. Once Polyform-F™ is applied, allow to stand **Do Not Mix** for 12 to 15 minutes.
7. Cleanup spill residue by using a plastic dust-pan and disposable towels, then place the collected spill residue in adequate waste bag.
8. After spill residue has been removed from spill area, wipe up the spill area with **cold tap water**, using towel, sponge or mop.
9. “Post-Cleanup” the spill area with mild detergent solution recommended by your facility for the final floor and/or counter cleanup.
10. In most cases, the Polyform-F™ treated spill residue may be disposed of as non-hazardous waste.
 - If spilled solutions contain heavy metals, then material must be handled as a potential hazardous waste.
 - If human or animal tissue has been in contact with the spilled formalin then the spill residue material may be handled as a potential bio-medical waste.
 - Always dispose of all spill residue waste in accordance with users’ facility recommendations and follow all Federal, State and Local environmental regulations.

American Bio-Safety

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WebSite; www.AmericanBioSafety.com Email; URSAFE@AmericanBioSafety.com

SASCO Spill Control DO's & DON'T's

SASCO 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
Phosphorous 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	

SASCO BASE CONTROL™



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

Triethylamine	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

SASCO 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.

SASCO 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"

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.

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 S&S Company of Georgia, Inc. (912) 435-8394

SASCO Spill Control Product Applications and Directions

Chlorine Control Powder™ Product Applications and Directions

Chlorine Control Powder™ is a specially formulated powder designed for the destruction and control of various types of liquid chlorine spills and leaks.

Chlorine Control Powder™ is manufactured in a dry form for easy application without mixing or dilution. Once applied, Chlorine Control Powder™ will:

- Neutralize the pH
- Convert all the chlorine to a nonhazardous material
- Eliminate harmful chlorine vapors
- Convert spill to a powder for easy disposal

Applications:

Chlorine Control Powder is effective against:

- Industrial strength Sodium Hypochlorite
- Household strength Sodium Hypochlorite (Clorox)**
- Most forms of liquid chlorine solutions
- Calcium Hypochlorite Solutions

Suggested Uses:

- Fire Departments, Haz-Mat Teams, Water Plants, Industrial Plants, Commercial Swimming Pools, Hospitals, Laboratories

DIRECTIONS:

1. Consult M.S.D.S. of spilled material to become familiar with its chemical properties and safety and health requirements.
2. Select and wear proper personal protective equipment, including suitable foot and respiratory protection for chlorine spills. (rubber boots, gloves, goggles, gas mask, SCBA, etc.)
3. Evacuate area as necessary to ensure the safety of all personnel.
4. Eliminate all sources of ignition and ensure that there is adequate ventilation available before applying product.
5. Apply Chlorine Control Powder™ to spill from the upwind side around its perimeter to dike the liquid, working from the outside toward the center, taking care to avoid vapors and splashing.
6. Carefully mix with a non-reactive paddle or shovel until all liquid is solidified.
7. Determine level of neutralization by using a chlorine test kit or strips.
8. Check pH and chlorine concentration.
9. Follow final clean up procedures established by your facility or company.
10. Dispose of neutralized waste in accordance with Federal, state and local environmental regulations.
11. Rinse and dispose of empty container after use.

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Acid Handler™ and Base Control™ Product Applications and Directions

“The first line of control for most accidental releases of corrosive materials.” These unique flowable powders were developed to facilitate the rapid and immediate control of spilled corrosive materials by:

- Solidifying and neutralizing on contact
- Immediately stopping the spread of hazardous chemicals
- Reducing hazardous fumes and vapors
- Reducing the corrosiveness of spilled materials, which reduces chemical attack on floors and other surfaces, as well as on the environment.
- Producing a controlled chemical reaction, rather than the usual violent reaction associated with the neutralization of strong corrosives.
- Eliminating the disposal problems typically associated with generic sorbents.
- Producing a dry powder which can be cleaned up and disposed of as a nonhazardous waste.

DIRECTIONS:

1. Consult M.S.D.S. of spilled material to become familiar with its chemical properties and safety and health requirements.
2. Select and wear proper personal protective equipment for the spilled material.
3. Evacuate area as necessary to ensure the safety of all personnel.
4. Eliminate all sources of ignition and ensure that there is adequate ventilation before applying product.
5. Apply SASCO Acid Handler™ or Base Control™ to the spill area, working from the upwind side and start from the outside of spill and working toward the center. If the spilled liquid is running, then apply product downstream of the spill to form a dam.
6. Carefully mix with a non-reactive paddle or shovel until all liquid is solidified.
7. Determine level of neutralization by using a pH test kit.
8. Let solidified / neutralized material cool prior to clean up.
9. Follow final clean up procedures established by your facility or company.
10. Dispose of neutralized waste in accordance with Federal, state and local environmental regulations.

Solvent Handler™ Product Applications and Directions:

Solvent Handler™ is a free flowing oxygen scavenging granule developed to control hydrocarbon spills. When this virtually dust-free granule is applied, the spilled material is solidified, vapors are eliminated, and flammability risk is reduced. The resulting dry solid granules can easily be swept up, leaving little evidence of the spilled liquid.

Solvent Handler™ is very effective in controlling:

- Flammable liquids
- Hydraulic oils
- Brake oils
- Chlorinated solvents
- Motor oils
- Residual flammable liquids or sludge left in containers or storage tanks

DIRECTIONS:

1. Consult M.S.D.S. for the spilled material to become familiar with its chemical properties and safety and health requirements.
2. Select and wear proper personal protective equipment for the spilled chemical.
3. Evacuate area as necessary to ensure safety of personnel.
4. Eliminate all sources of ignition and ensure that there is adequate ventilation available before applying product.
5. Apply SASCO Solvent Handler™ to spill from the upwind side around its perimeter to dike the liquid, working from the outside of the spill toward the center. Completely blanket the spill, eliminating all wet areas.
6. Agitate product on the spill area with non-sparking paddle or scrapper, adding additional Solvent Handler™ as needed to eliminate all wet areas.
7. Check vapor elimination, using a vapor detection device.
8. Add additional Solvent Handler™ product until all vapor is eliminated.
9. Dispose of neutralized waste in accordance with Federal, State, and Local environmental regulations.

NOTE: SASCO Solvent Handler™ Does Not reduce toxicity. When this virtually dust-free granule is applied, the spilled material is solidified, vapors are eliminated, and flammability risk is reduced. If spilled material is toxic, the treated waste remains toxic and should be treated accordingly.



July 30, 2013

TO WHOM IT MAY CONCERN:

Referencing numerous calls which have been received regarding the expiration dates on our spill control products, these dates were added to the label by request from many of our hospitals. These dates in no way indicate that the products are no longer effective. To address the concerns over this matter, we offer the following criteria, which you may use to determine if the products are still effective.

1. Acid, Base and Chlorine Control: As long as the product is not hard and does not exhibit the presence of hard lumps, the product should still be good. If the containers have never been opened or exposed to heat above 140°F, the product should still be good.
2. PolyForm-F™: If the product still flows, is not hard and still has a pink tint with red colored specs, the product is still good.
3. Solvent Handler™: Unless exposed to solvents or water, Solvent Handler™ will remain effective for an extremely long time.

You should check the condition of your spill control chemicals on a routine basis.

We suggest that you remind your personnel, who use any of our spill control products to:

1. Always pour from the container and never put a spoon or spatula in the bottle. Spoons and spatulas can contaminate the product, causing it to lose its effectiveness.
2. Always be sure the lids are securely tightened after each use.
3. Moisture will cause damage to all of our spill control products; therefore, they should be stored in a dry place.