

## Treatment Guide

KIT	WHAT IT DOES	INDICATION	WORKS FOR	CAUTIONS
SpillSolv® Acid	Neutralizes concentrated acid spills	Starts pink, pink disappears while neutralizing, reappears when neutralized	Acetic Acid, Formic Acid Hydroiodic Acid Hydrobromic Acid Hydrochloric Acid Hydrofluoric Acid Nitric Acid Perchloric Acid Phosphoric Acid Sulfuric Acid	Residual salts of acids spills Hydrochromic, Picrid Acid requires special disposal care
SpillSolv® Caustic	Neutralizes most alkali materials	Pinkish-purple indicator initially appears. Yellow color will appear and remain when spill is neutralized	Sodium Hydroxide Potassium Hydroxide Ammonium Hydroxide	
SpillSolv® Solvent	Vapor suppressant to minimize inhalation hazards, reduce flammability and adsorbent to safely clean up	This product is an absorbent and doesn't neutralize	Volatile liquid fuels Organic solvents	Do not use to treat spills of strong oxidizers, organic peroxides and hydrazine compounds

## Effectiveness of SpillSolv® Kits

		SPILLSOLV®
Acid Kit – if a 2.5 L bottle of acid was spilled, amount of material needed to absorb:	Hydrochloric Acid 30%	1.25 kg
	Nitric Acid 70%	1.92 kg
	Phosphoric Acid 85%	1.92 kg
	Sulfuric Acid 96%	1.92 kg
Caustic Kit – if a 2.5 L bottle of acid was spilled, amount of material needed to absorb:	Potassium Hydroxide 45%	2.08 kg
	Sodium Hydroxide 50%	2.50 kg
Solvent Kit – if a 4 L bottle of acid was spilled, amount of material needed to absorb:	Acetone	1.56 kg
	Kerosene	1.67 kg
	2-Propanol	1.56 kg
	Toluene	1.67 kg
	Xylene	1.67 kg

# MERCK

## SpillSolv® Chemical Treatment Spill Kits



# SpillSolv® Chemical Spill Treatment Kits

Merck offers the next generation in spill cleanup technology. SpillSolv® Chemical Treatment Kits are available in six different types: Acid, Caustic, Formaldehyde, Mercury, Solvent and Multi-Purpose. Replacement neutralizer and safety accessories are also available.

Feature	Benefit
<b>Unique Packaging</b>	
Bright yellow case	Sturdy, won't fall apart. Easily visible to locate in lab when spill occurs.
Portable and/or wall mountable unit	Can be used in whatever manner you choose.
Lightweight	Easy to transport by anyone to a spill.
Shaker bottle with pour and shake top	Easy to pour directly onto spill, no scooping necessary.
<b>Fast &amp; Efficient Neutralizers</b>	
Color indicator	Lets you know that neutralization is complete.
Higher adsorption capacity	Less to use, saves you money. Less to clean up, saves you time.
Faster treatment speed	Quicker treatment of spilled material, less time exposed to the spilled chemical.

## One Box contains Everything...



## A Complete Offering...

### KITS

#### 1. SpillSolv® Multi-Purpose Kit

Acid, Caustic & Solvent Spills

Catalogue # SX1300-1

- 2 x 1 kg SpillSolv® Acid Neutralizer
- 2 x 0.9 kg SpillSolv® Caustic Neutralizer
- 2 x 0.5 kg SpillSolv® Volatile Adsorbent Powder
- 1 pair splash goggles
- 1 pair nitrile gloves A15
- 6 H.D. disposable bags 14"x20"
- 4 disposable plastic scoops and scrapers
- 1 big sponge for residue clean ups
- 1 comprehensive treatment guide

#### 2. SpillSolv® Acid Spill Kit

Catalogue # SX1310-1

- 6 x 1 kg SpillSolv® Acid Neutralizer
- 1 pair splash goggles
- 1 pair nitrile gloves A15
- 6 H.D. disposable bags 14"x20"
- 4 disposable plastic scoops and scrapers
- 1 big sponge for residue clean ups
- 1 comprehensive treatment guide

#### 3. SpillSolv® Caustic Spill Kit

Catalogue # SX1320-1

- 6 x 0.9 kg SpillSolv® Caustic Neutralizer
- 1 pair splash goggles
- 1 pair nitrile gloves A15
- 6 H.D. disposable bags 14"x20"
- 4 disposable plastic scoops and scrapers
- 1 big sponge for residue clean ups
- 1 comprehensive treatment guide

#### 4. SpillSolv® Solvent Spill Kit

Catalogue # SX1330-1

- 6 x 0.5 kg SpillSolv® Volatile Adsorbent Powder
- 1 pair splash goggles
- 1 pair nitrile gloves A15
- 6 H.D. disposable bags 14"x20"
- 4 disposable plastic scoops and scrapers
- 1 big sponge for residue clean ups
- 1 comprehensive treatment guide



Acid Neutralizing Powder Bottles

### HANDLING AND DISPOSAL

- Spilled liquids are covered with sufficient amount of absorbent and, wherever necessary, mixed using scoops
- Wait until neutralization and absorption processes are complete
- Collect the contaminated material (SpillSolv® with absorb spill) using the disposable H.D. bags and scrapers
- Clean the contaminated surface using the sponge and rinse thoroughly with plenty of water
- The contaminated material (SpillSolv® with absorb spill) is then forwarded for disposal in accordance with the company regulations and national guidelines for the hazardous products in question.

### REPLACEMENT ITEMS

#### SpillSolv® Multi-Purpose Replacement Kit

Catalogue # SX1300R-1

- 2 x 1 kg SpillSolv® Acid Neutralizer
- 2 x 0.9 kg SpillSolv® Caustic Neutralizer
- 2 x 0.5 kg SpillSolv® Volatile Adsorbent Powder

#### SpillSolv® Acid Replacement Kit

Catalogue # SX1310R-1

- 6 x 1 kg SpillSolv® Acid Neutralizer

#### SpillSolv® Caustic Replacement Kit

Catalogue # SX1320R-1

- 6 x 0.9 kg SpillSolv® Caustic Neutralizer

#### SpillSolv® Solvent Replacement Kit

Catalogue # SX1330R-1

- 6 x 0.5 kg SpillSolv® Volatile Adsorbent Powder