

## SPILL-X Spill Treatment Kits

### Application

SPILL-X Spill Treatment Kits have been developed to economically treat small spills of many mineral and organic acids, caustics, formaldehyde, and organic solvents or fuels that may occur in laboratories or other work areas where chemicals are used. The convenient Spill Treatment Kits provide easy access to the proper spill control agent for a particular type of chemical spill. The easy to handle polypropylene containers allow for either a pouring-type application of agent or a shaker-type application, depending on the nature of the spilled chemical.

### Description

A choice of SPILL-X spill control agents are available in either a Multipurpose Spill Treatment Kit or individual Spill Treatment Kits for acid, caustic, formaldehyde, or solvent spills. Everything you need for a small spill is provided in the SPILL-X Treatment Kit. The highly visible, bright green case carries six shakers of agent, as well as goggles, gloves, pH test strips, and more.

#### SPILL-X-A ACID NEUTRALIZER/SOLIDIFIER

Used to treat small spills of many mineral and organic acids, SPILL-X-A agent can both neutralize and solidify the spilled material, when properly applied. It is a magnesium oxide based spill control agent containing chemical additives, and is a proprietary product. The resultant agent is free-flowing, non-abrasive, and when used on an acid spill will itself produce no toxic by-products. SPILL-X-A agent is red in color to differentiate it from other spill control agents.

#### SPILL-X-C CAUSTIC NEUTRALIZER/SOLIDIFIER

Used to treat small spills of many caustics and organic bases, SPILL-X-C agent can both neutralize and/or solidify the spilled material, when properly applied. It is a citric acid based spill control agent containing chemical additives, and is a proprietary product. The resultant agent is free-flowing, non-abrasive, and when used on a caustic spill will itself produce no toxic by-products. SPILL-X-C agent is tan in color to differentiate it from other spill control agents.

#### SPILL-X-S SOLVENT ADSORBENT

Used to treat small spills of many organic liquid solvents and fuels (other than organic peroxides or hydrazine compounds), SPILL-X-S agent can both rapidly adsorb the spilled material and elevate the flashpoint above 140 °F (60 °C), when properly applied. It is a proprietary activated carbon based spill control agent, and conforms to rigorous specifications. The agent is free-flowing, non-abrasive, and when used on an organic solvent or fuel spill will itself produce no toxic by-products. SPILL-X-S agent is black in color to differentiate it from other spill control agents.

### CHEMICAL SPILL TREATMENT KIT



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#### SPILL-X-FP Formaldehyde Polymerizer Spill Treatment Kit

The SPILL-X-FP Spill Control Agent is specially formulated to rapidly treat formaldehyde spills and reduce their vapors. SPILL-X-FP agent reacts with aqueous formaldehyde to form a polynoxin polymer. The result is a remarkable decrease in the release of formaldehyde vapors around the vicinity of the spill, as compared with conventional spill control methods using clay, sand, or absorbents.

The SPILL-X MULTIPURPOSE Spill Treatment Kit contains six (6) handy polypropylene containers with two (2) containers of each type of SPILL-X spill control agent (SPILL-X-A Acid Neutralizer/Solidifier, SPILL-X-C Caustic Neutralizer/Solidifier, SPILL-X-S Solvent Absorbent, and SPILL-X-FP Formaldehyde Polymerizer).

### Performance

SPILL-X-A Agent for Acid Spills – effective on spills of mineral and organic acids and has been shown to be more efficient in cleanup than other spill control treatment methods or agents. The ability of SPILL-X-A agent to safely neutralize and solidify acids is unmatched by any known environmentally nonhazardous material in the marketplace.

SPILL-X-C Agent for Caustic Spills – effective on spills of caustics and organic bases. The ability of SPILL-X-C agent to neutralize/solidify and neutralize caustics is unmatched by any known environmentally nonhazardous material in the marketplace.

SPILL-X-S Agent for Solvent/Fuel Spills – effective on spills of many organic liquid solvents and fuels. It reduces evaporative losses by adsorption, and when topped off with an additional layer of SPILL-X-S agent elevates the flashpoint of most organic solvents. SPILL-X-S agent will adsorb a wide range of organic solvents, monomers and fuels.

SPILL-X-FP agent has been formulated to achieve the highest efficiency of formaldehyde spill and vapor mitigation.

## Physical Properties

	SPILL-X-A Agent	SPILL-X-C Agent	SPILL-X-S Agent	SPILL-X-FP
Apparent Density	1.042 g/cc	0.980 g/cc	0.48 g/cc	0.80 g/ml
Product pH	12.0 – 12.5	2.39	–	2.1
Hygroscopicity	less than 2%	less than 2%	–	–
Iodine Number	–	–	1100 minimum	–
Ash	–	–	10% maximum	–
Maximum Moisture	–	–	3%	–
Carbon Tetrachloride Number	–	–	67 minimum	–
Surface Area	–	–	1300-1500 m <sup>2</sup> /g	–
Fill Weight	2.5 lb (1.13 kg)	2.0 lb (0.91 kg)	1.0 lb (0.45 kg)	–

## Particle Size Distribution

SPILL-X-A Agent		SPILL-X-C Agent		SPILL-X-S Agent		SPILL-X-FP Agent	
Screen Mesh-Tyler Sieves- Wt. %	U.S. Standard	Screen Mesh- Tyler Sieves- Wt. %	U.S. Standard	Screen Mesh-Tyler Sieves- Wt. %	U.S. Standard	Screen (Tyler Sieves)	Wt. %
0 – 2	20	0 – 3	20	0 – 4	maximum over 40	20	60
13.7 – 25.5	40	4 – 8	40	0 – 2	50	40	34
40 – 53	100	70 – 80	100	30 – 80	80	100	6
13 – 22	200	5 – 8	200	10 – 40	100	200	TR
6 – 16	(–) 325	1 – 3	325	5 – 25	140	325	TR
		4 – 10	Pan	0 – 10	200	Pan	TR
0 – 7	(–) 200						

SPILL-X-C Caustic Neutralizer/Solidifier  
(per 2.0 lb (0.91 kg) container)

## Treatment Information

For treatment information, refer to the SPILL-X Spill Treatment Guide (Part No. 78908).

## Ordering Information

SPILL-X Treatment Kits contain six handy polypropylene containers in a convenient storage container.

Part No.	Description
78774	SPILL-X MULTIPURPOSE SPILL TREATMENT KIT Two of each type of SPILL-X spill control agent (SPILL-X-A, SPILL-X-C, SPILL-X-S)
78776	SPILL-X-A ACID SPILL TREATMENT KIT Six SPILL-X-A Acid Neutralizer/Solidifier
78777	SPILL-X-C CAUSTIC SPILL TREATMENT KIT Six SPILL-X-C Caustic Neutralizer/Solidifier
78778	SPILL-X-S SOLVENT SPILL TREATMENT KIT Six SPILL-X-S Solvent Adsorbent
73834	SPILL-X-FP/S FORMALDEHYDE TREATMENT KIT Three SPILL-X-S Solvent Adsorbent and three SPILL-X-FP Formaldehyde Polymerizer
78919	Spill Treatment Kit Accessories, w/gloves, goggles, pans, guide, etc.
76393	Paper, pH Indicating (100 strips)
79262	Scoop, Chemical
78908	Treatment Booklet

### Other SPILL-X Spill Control Products

For complete details on the full line of SPILL-X Spill Control Products, contact your Authorized ANSUL Spill Control Products Distributor or call 715-735-7411.

Safety Data Sheets (SDS) are available at [www.ansul.com](http://www.ansul.com)

**Note:** The converted values in this document are provided for dimensional reference only and do not reflect an actual measurement.

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### SPILL-X SPILL CONTROL AGENTS REFILL KITS



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SPILL-X-Multi	77358
SPILL-X-A	77255
SPILL-X-C	77261
SPILL-X-S	77265
SPILL-X-FP	78435

### PORTABLE SPILL-GUN APPLICATORS



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For additional information, see Data Sheet F-2009069.