



# A STABLE SOLUTION

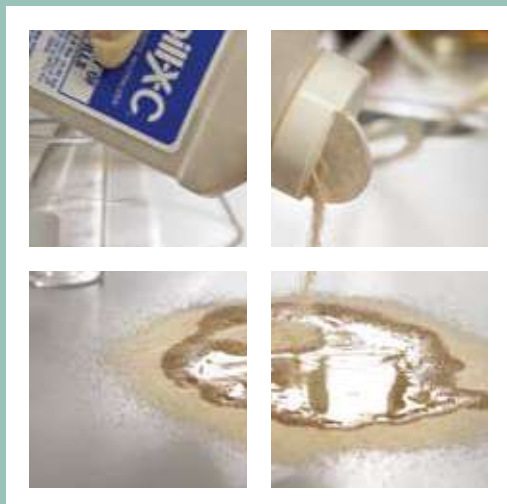
SPILL-X® Chemical Spill Control Products



**tyco**  
Fire Suppression  
& Building Products



# TAKE CONTROL WITH A NATURAL CHOICE



ANSUL® products are the result of extensive experience, cutting-edge R&D, and a culture of advancement. A legend in fire suppression since 1939, ANSUL innovative spill control solutions have been protecting people, property, and the environment since 1986. A network of authorized distributors stretches across the globe, and experts continue to innovate here at home. Choose advanced SPILL-X® chemical spill control agents.

## **IN AN INSTANT, A CHEMICAL BECOMES “HAZARDOUS WASTE”**

Spills happen ... and immediately become a hazardous waste situation to handle. With the disposal of hazardous waste in the spotlight like never before; a quick, safe, and cost-effective treatment is needed. That's why the SPILL-X product line features a series of agents specifically formulated to treat acid, caustic, solvent, and formaldehyde spills. Here's your response to environmental mandates and the liability associated with managing hazardous waste.

**REDUCES DOWNTIME/DISPOSAL COSTS ■ MULTIPLE SIZES AND FORMULATIONS**

**NEUTRALIZES AND SOLIDIFIES ACIDS/CAUSTICS**

**SUPPRESSES FORMALDEHYDE VAPORS ■ ADSORBS SOLVENTS**



# SMART SOLUTIONS FOR DEMANDING SITUATIONS

ANSUL SPILL-X products are free-flowing dry chemicals formulated to treat spills by neutralizing, solidifying, and/or adsorbing. For example, an organic solvent or inorganic acid chemically and physically changes to a neutral solid that can be disposed of easily and properly. Typical absorbents don't have this ability, and other neutralizers require 2-3 times more product, which means more time and labor to clean up and more waste to remove.

## FOUR AGENTS FORMULATED FOR VARIOUS NEEDS

**SPILL-X-A® Acid Neutralizer/Solidifier** — For mineral and organic acid spills, SPILL-X-A agent can both neutralize and solidify the spilled material when properly applied. A magnesium oxide-based agent, its red color differentiates it from other agents.

**SPILL-X-C® Caustic Neutralizer/Solidifier** — For caustic and organic bases, SPILL-X-C agent can both neutralize and solidify the spilled material when properly applied. A citric acid-based agent, its tan color differentiates it from other agents.

**SPILL-X-S® Solvent Adsorbent** — For common hydrocarbon solvents and fuel spills, SPILL-X-S agent can adsorb, contain, and reduce vapors from the spilled material when properly applied. A carbon-based agent, its black color differentiates it from other agents.

**SPILL-X-FP® Formaldehyde Polymerizer** — This agent polymerizes formaldehyde spills and suppresses the vapor. Superior to other methods (clay, sand, absorbents), SPILL-X-FP agent is urea-based, and its green color differentiates it from other agents.

## SPILL-X-A Agent

<b>Typical Hazards</b>	Research laboratories found in healthcare and higher education, chemical process areas, water treatment plants, boiler areas, storage areas
<b>Types of Spills</b>	Acids: sulfuric, hydrochloric, nitric, phosphoric, perchloric, formic, hydrofluoric, acetic, adipic

## SPILL-X-C Agent

<b>Typical Hazards</b>	Research laboratories found in healthcare and higher education, chemical process areas, water treatment plants, boiler areas, storage areas
<b>Types of Spills</b>	Caustics: sodium hydroxide, ammonium hydroxide, aniline, diethylamine, potassium hydroxide, morpholine, hydrazine

## SPILL-X-S Agent

<b>Typical Hazards</b>	Research laboratories found in healthcare and higher education, chemical process areas, small manufacturing facilities
<b>Types of Spills</b>	Hydrocarbon solvents, reagents or other organic materials such as peroxides or hydrazine compounds

## SPILL-X-FP Agent

<b>Typical Hazards</b>	Research laboratories found in healthcare and higher education, chemical, medical, agricultural, wood products, plastics, metal finishing industries
<b>Types of Spills</b>	Formaldehyde and other aldehydes such as glutaraldehyde



# APPLICATION OPTIONS TO MEET YOUR NEEDS

## TREATMENT KIT (SHAKERS)

An economical way to treat small spills (laboratory environment), the SPILL-X Treatment Kit provides easy access to the proper spill control agent for a particular chemical spill.

Six polypropylene containers (two each of SPILL-X-A, SPILL-X-C, SPILL-X-S) allow for either pouring or shaking. Each container treats up to a 1/2-gallon (1.9 L) spill, or approximately 15 to 20 ft<sup>2</sup> (1.4 to 1.9 m<sup>2</sup>).

## SPILL-GUN APPLICATOR

SPILL-GUN® applicators are rugged, easy to use, and can be recharged in the field. The SC-30 SPILL-GUN applicator (for use with SPILL-X-A, SPILL-X-C, SPILL-X-S agents) applies agent from a distance of 10 to 12 feet (3 to 3.7 m) and can treat up to a 3-gallon (11.4 L) spill, or 100 ft<sup>2</sup> (9.3 m<sup>2</sup>).

## PAIL

Each 50 lb. (23 kg) pail of SPILL-X-A or SPILL-X-C agent treats 4 to 6 gallons (15.1 to 22.7 L) of acid or caustic, and a 50 lb. (23 kg) pail of SPILL-X-S agent treats up to a 3-gallon (11.4 L) spill of solvent, or 150 ft<sup>2</sup> (13.9 m<sup>2</sup>).



## LARGER SPILLS

Each 168 lb. (76.2 kg) **fiber drum** of SPILL-X-A, SPILL-X-C, or SPILL-X-S agent treats up to a 20-gallon (75.7 L) spill or 600 ft<sup>2</sup> (55.7 m<sup>2</sup>). ANSUL SPILL-X agents are also available in **skid units** for 50- to 300-gallon (189.3 to 1,135.6 L) spills or 1,500 to 9,000 ft<sup>2</sup> (139.4 to 836.1 m<sup>2</sup>).

## WHEN THE ENVIRONMENT IS A CONCERN

With their ability to quickly neutralize chemical spills and dispose of the solid in a landfill,\* SPILL-X agents are environmentally sound. Across the country, safety administrators and lab managers are discovering the benefits of ANSUL SPILL-X agents and the minimal impact they have on our natural environment.

\*Disposal in landfills varies by state. Consult your local environmental officials for verification.

## SMART SPILL CLEAN UP

Environmental mandates. Local ordinances. Liability. The focus on hazardous waste disposal appears to be long-term. With the assurance of decades of experience, however, you won't have to worry. Enjoy the quick, safe, and cost-effective benefits of ANSUL SPILL-X agents.





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