

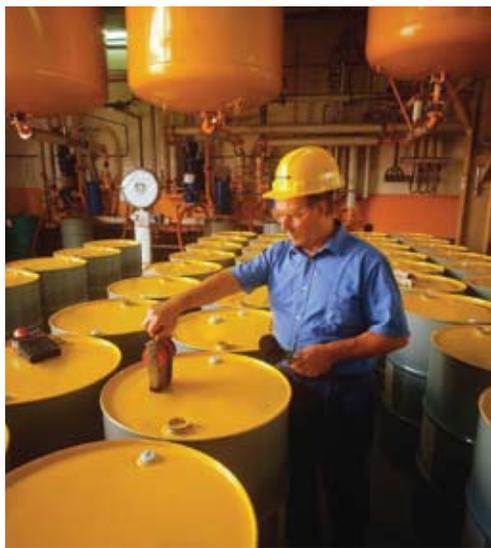
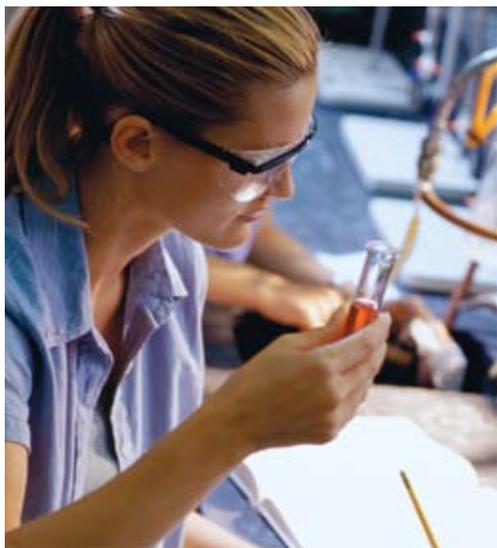


A STABLE SOLUTION

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

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

SPILL-X-C Agent

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

SPILL-X-S Agent

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

SPILL-X-FP Agent

Typical Hazards	Research laboratories found in healthcare and higher education, chemical, medical, agricultural, wood products, plastics, metal finishing industries
Types of Spills	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 ft² (1.4 to 1.9 m²).

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 ft² (9.3 m²).

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 ft² (13.9 m²).



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 ft² (55.7 m²). 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 ft² (139.4 to 836.1 m²).

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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