



SPECIALTY ENVIRONMENTAL CHEMICALS AND EQUIPMENT

EZ-STRIP SS

DESCRIPTION:

Liquid neutralizing chemical agent for hydrogen sulfide and other compounds. This product provides a very fast reaction with hydrogen sulfide. The unique blend of additives and sodium hydroxide provide the environment for an ultra-fast and safe reaction to form soluble salts. Excellent for use in scrubber systems. Non-foaming formula. May also be used to neutralize chlorine, acetates and acids. Corrosive mixture!

PRODUCT USES & APPLICATIONS

- Tank Cleaning
- H₂S Abatement
- Line Cleaning
- Vapor Scrubber Systems
- Rail Car Cleaning

APPLICATION INSTRUCTIONS

Dilution Rate	4:1 with water
Application Method	Spray Systems or in Scrubber Systems
Special Instructions	Maintain pH level of 11.7

Additional Instructions: For maximum H₂S removal, maintain a pH of 11.7 or higher in scrubber systems. If stream has high CO₂ levels, EZ-STRIP SS will be consumed by CO₂ as well as H₂S. Thus, expect higher usage rates of EZ-STRIP SS when high CO₂ levels exist.

HAZARDOUS INFORMATION

Specific Hazard	Corrosive liquid
Flash Point (°F)	Above 220°
Biodegradability	Good
pH	13.0-13.7
Unusual Hazards	Avoid soft metals
Other Information	Degrades with CO ₂ presence

PACKAGING INFORMATION

Available Quantities	5, 30, 55 and bulk quantities
Packaging Material	Poly
Other Information	Do not let product freeze.

CASE STUDY & APPLICATION INFO:

January 20, 2008 Asphalt Manufacturing Facility

EZ-STRIP SS was used in a scrubber system at an asphalt plant to help control H₂S levels during a specialty product mix. H₂S levels were 500 ppm before the scrubber. EZ-STRIP was added to the scrubber unit and the pH level kept at 12. A twin column vapor scrubber was used to control the H₂S emissions (Model SST-40). After the first tower the H₂S levels were reduced to 29. After the 2nd tower the reading was 0 ppm. Thus, the scrubber was able to reduce the H₂S levels from 500 to 0 ppm without the use of any carbon media.

August 12, 2007 Chemical Facility

EZ-STRIP SS was used to neutralize chlorine vapors stemming from a process at a chemical facility. One of Vapor Tech's twin column units (CST-18) was used to neutralize the effluent chlorine gas coming from their reactor. CFM levels were low (200 CFM) and the ppm of chlorine before the scrubber was 180. After both towers the chlorine levels were 0-1 without any carbon or post treatment.