



## Product Data Sheet

### Product Name: EZ-STRIP SS

**Description:** Liquid neutralizing chemical agent for hydrogen sulfide. 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 and acids. Corrosive mixture!

Product Uses & Applications		Application Instructions	
Tank Cleaning		Dilution Rate	4:1 with water
H2S Abatement		Application Methods	Spray Systems or in Scrubber Systems
Line Cleaning		Special Instructions	Maintain pH level of 11.7
Vapor Scrubber Systems		<b><u>When using in a scrubber system:</u></b>	
Rail Car Cleaning		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		Packaging Information	
Specific Hazard	Corrosive Liquid!	Available Quantities	5,30, 55, and bulk quantities
Flash Point (°F)	Above 220	Packaging Material	Poly
Biodegradability	Good	<b><u>Other Information:</u></b>	
pH	13.0 to 13.7	Do not let product freeze.	
Unusual Hazards	Avoid soft metals		
Other Information	Degrades with CO2 presence		

### Case Study & Application Information

#### 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. This, 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.

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