



SPECIALTY ENVIRONMENTAL CHEMICALS AND EQUIPMENT

# ENVIRO-SCRUB VT (6% Solution)

## DESCRIPTION:

Enviro-Scrub VT (6% Solution) is a pre-diluted 6% liquid solution (Enviro-Scrub VT) which removes H<sub>2</sub>S from hydrocarbon liquids, natural gas, gas streams, waste-water streams, and scrubber systems. This product is non-hazardous and reacts immediately to produce a non-reversible, non-hazardous stable compound. The reacted products with H<sub>2</sub>S typically are amine salts. This product works well in 'Forced-Induction' or packed-column scrubber systems. No mixing or dilution makes this product safer since little personnel interaction is necessary. Simply add to reservoir and start running.

## PRODUCT USES & APPLICATIONS

- Tank Cleaning
- Waste Water Odor Control
- Vapor Scrubber Systems
- Municipals
- Remediation

## APPLICATION INSTRUCTIONS

Dilution Rate	Pre-diluted (none necessary)
Reaction Potential	Does not interact with carbon dioxide

**Additional Instructions:** When solution becomes cloudy or opaque it is in need of change-out. Failure to change spent solution could result in particulate and solids which could clog lines. It could also result in low removal efficiencies since this is an indication the solution is completely spent.

## HAZARDOUS INFORMATION

Specific Hazard	Eye and skin irritant
Flash Point (°F)	Above 220°
Biodegradability	Excellent
pH	10-11
Unusual Hazards	None
Other Information	30°F

## PACKAGING INFORMATION

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

## CASE STUDY & APPLICATION INFO:

### June 14, 2014: Houston Petrochemical Facility

Enviro-Scrub VT (6% Solution) was used in a packed-column scrubber. This scrubber was hooked to the exhaust of a frac tank which had 250ppm of H<sub>2</sub>S. The packed-column scrubber offered very little back-pressure and the efficiency was 99.5%. The customer liked the fact that the operators did not have to dilute the chemical with water. Operator risk was minimized. Spent media was deemed non-haz and sent through the plants'WWTP.

### May 15, 2014: West Texas Oilfield Facility

Enviro-Scrub VT (6% Solution) was used in an E550 Vapor Scrubber unit to control H<sub>2</sub>S from truck emissions. While the trucks were being filled with sour crude, the H<sub>2</sub>S vapors were routed through the scrubber where the chemical media neutralized the vapor.