



SPECIALTY ENVIRONMENTAL CHEMICALS AND EQUIPMENT

BSX50-EVT6

DESCRIPTION:

Description: This product is a mixture of Bio-Scrub X (for hydrocarbon absorption) and Enviro-Scrub VT 6% (H₂S Scavenger). This solution is designed to be used in 'forced-induction' and bubble-up types systems. This product will absorb hydrocarbons and will neutralize H₂S simultaneously. This product is NOT designed for packed-column scrubbers since it requires constant mixing which is present in 'forced-induction' scrubbers like Vapor Tech's E550 or E5500.

PRODUCT USES & APPLICATIONS

- Forced-Induction Scrubber Systems
- Bubble-Up Systems
- Solvent Absorption Systems

APPLICATION INSTRUCTIONS

Dilution Rate	Does NOT dilute with water
Application Methods	Not for use in packed-column scrubbers
Special Instructions	Do not add surfactants to this mixture!

Scrubbing Instructions: Add entire contents to scrubber reservoir, do not dilute with water. Settled product will show separation which is normal. During scrubbing, product will mix to allow for proper neutralization.

HAZARDOUS INFORMATION

Specific Hazard	Eye and skin irritant
Flash Point (°F)	266°
Biodegradability	Excellent
pH	10--11
Unusual Hazards	Incompatible with rubber
Other Information	Product freezes at 32°F

PACKAGING INFORMATION

Available Quantities	55 and 275 gallon containers
Packaging Material	Poly
Other Information	High Freeze point. Do not use this product if temperatures will be below 32°F.

CASE STUDY & APPLICATION INFO:

April 10, 2014: Refinery Texas City, TX

BSX50-EVT6 was used in a major refinery in Texas City, TX to scrub exhaust from a vacuum truck containing H₂S and hydrocarbons from slop tank. Vapor Tech's E550 'Forced Induction' scrubber was used in this application. 275 gallon tote was pumped into the scrubber. Vapors were then run through the unit with 95% removal of hydrocarbons and 99% of H₂S removed. This setup was ideal since it saved the customer from having to run two separate scrubbers.

October 29, 2014: Refinery Lemont, IL

BSX50-EVT6 was used in Vapor Tech's E5500 High Volume vapor scrubber unit to remove H₂S and benzene vapors. Prior scrubber carbon was becoming spent after only 2 days.

Once Vapor Tech's E5500 was installed and BSX50-EVT6 was used, carbon media lasted 2 weeks before needing change-out. Exhaust from GapVac truck during a turnaround was feeding the scrubber.