PENETONE 8500H PRODUCT SERIES

Hydrogen Sulfide Scavengers

The **PENETONE 8500H SERIES** is a full line of non-corrosive, fast-acting hydrogen sulfide scavengers designed to remove hydrogen sulfide from produced gas streams without creating excessive solids or precipitation. Each product in the **8500H SERIES** has low affinity for carbon dioxide allowing for a large sulfur load and can be utilized in contact tower sweetening units, by continuous injection via chemical atomizer into a gas stream, or for batch treatment of fluids in water tanks, trucks, and tailings ponds.

- **8500H -** For a broad spectrum of sweetening applications
- **8502H -** For high temperature sweetening applications
- **8507H -** For sweetening applications requiring high efficiency sulfur loading and solids or precipitation control

FEATURES & BENEFITS

- Low freeze points
- Low kinematic viscosity for treating fluid at low temperatures
- Designed for use in contact tower sweetening units
- Suitable for continuous atomization into gas streams
- Effective for a variety of batch treatment applications
- Can be used in vacuum or hauling truck venting systems

DIRECTIONS FOR USE

Chemical type

PENETONE 8500H – Versatile and economic formulation
PENETONE 8502H – High flash-point/low vapor pressure formulation
PENETONE 8507H – High-efficiency formulation

Treatment rates

Will vary depending on location and situation.
Typical gas treatment can be achieved with 5-10 mL per ppm H_2S per E^3m^3 of produced gas.
For scrubbing applications, saturation of **PENETONE 8500H** is reached at 0.51-0.53 lb of sulfur per L of product.
Aqueous batch treatment can be achieved with 1-3 mL per ppm H_2S per m^3 of produced water.
For immediate sweetening of water, higher concentrations may be required.