

## 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<sub>2</sub>S per E<sup>3</sup>m<sup>3</sup> 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<sub>2</sub>S per m<sup>3</sup> of produced water.  
 For immediate sweetening of water, higher concentrations may be required.