

### H<sub>2</sub>S SCAVENGERS / DEGASIFICATION



**PENETONE 8500H** is a non-corrosive, fast acting hydrogen sulfide scavenger. It is specifically designed to remove hydrogen sulfide from produced gas streams without creating excessive solids precipitation. **PENETONE 8500H** does not have an affinity for carbon dioxide allowing for a large sulphur load. **PENETONE 8500H** can be utilized in contact tower sweetening units and/or continuous injection through a chemical atomizer into the gas stream. **PENETONE 8500H** will also effectively remove H<sub>2</sub>S from water tanks, trucks and tailing ponds with batch treatments.

### FEATURES AND BENEFITS

- Designed to be utilized in contact tower sweetening units
- Suitable for continuous injection through a chemical atomizer into the gas stream
- Effectively remove H<sub>2</sub>S from water tanks, trucks and tailing ponds with batch treatments
- Freeze proofed to >-40°C (-40°F)
- Can be used in vacuum and hauling truck venting systems
- Low volatility to remain fluid at low temperatures

### DIRECTIONS FOR USE

#### Use procedure

Treatment rates will vary depending on location and situation. Typical gas treatment can be achieved with 5 to 10ml of **PENETONE 8500H** per ppm H<sub>2</sub>S per E<sup>3</sup>M<sup>3</sup> (5-10 oz per ppm per 1000 ft<sup>3</sup>) of produced gas. For scrubbing applications, saturation is reached at 0.51-0.53 lb of sulfur per L of product (1-3 oz. per ppm per 1000 ft<sup>3</sup>).

Sour water can be sweetened with 1 to 3ml of **PENETONE 8500H** per ppm H<sub>2</sub>S per M<sup>3</sup> (0,04 - 0,11 oz. per 1000 ft<sup>3</sup>) of produced water. For immediate sweetening of the water higher concentrations of **PENETONE 8500H** may be required.

# PENETONE 8500H

## HYDROGEN SULFIDE SCAVENGER

### PHYSICAL PROPERTIES

Appearance	Yellow-orange liquid
Odour	Pungent
Specific Gravity @ 20°C	1.025
Viscosity	Thin
pH	9.30-10.0
Flash Point (TCC )	>60°C (140°F)
Boiling Point	Not determined
Freezing Point	Approx. -40°C (-40°F)
Foaming Tendency	None
Concentration Monitoring Techniques	Not determined
Water Solubility	Complete


### INCOMPATIBILITY

Strong acids, oxidizing agents.

### WAREHOUSING PRECAUTIONS

Keep containers tightly closed away from direct sunlight in a dry, cool and well-ventilated.

### AVAILABLE SIZES

			
20L/ 5,28Gal.	205L/ 54,16Gal.	1000L/ 264,71Gal.	

### FIRST AID MEASURES

#### EYE CONTACT

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

#### SKIN CONTACT

Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician. If skin irritation or rash occurs, get medical advice/attention. Wash contaminated clothing before reuse.

#### INHALATION

If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

#### INGESTION

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

### HEALTH

2

### FLAMMABILITY

3

### REACTIVITY

0

### LEGEND

0 = MINIMAL RISK  
1 = SLIGHT RISK  
2 = MODERATE RISK  
3 = SERIOUS RISK  
4 = SEVERE RISK

### PERSONAL PROTECTION

Security equipment



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**IMPORTANT:** Before using PENETONE 8500H, always be sure to read and follow precautions and directions for use appearing on the product container label and on the safety data sheet (S.D.S).



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