

# TECHNICAL DATA SHEET

## Petrotreat GS89 Hydrogen Sulfide Scavenger

### PRODUCT DESCRIPTION

Petrotreat GS89 is a proprietary formulation designed to sweeten gas by the removal of hydrogen sulfide. When the GS89 is applied to H<sub>2</sub>S, a non-reversible chemical reaction occurs to form stable water soluble products and H<sub>2</sub>S is permanently removed.

### APPLICATION

Petrotreat GS89 Hydrogen Sulfide Scavenger can be applied through continuous injection into the gas stream or in a bubble tower. The volume of GS89 required is determined by the amount of H<sub>2</sub>S in the gas stream, desired H<sub>2</sub>S reduction, contact time and injection system.

The Petrotreat GS89 has also been applied to control Iron Sulfide carry over in the gas stream to control fouling in the glycol or amine systems.

### PHYSICAL PROPERTIES

Appearance ..... Amber liquid  
Density ..... 1.013 kg/l  
Flash Point ..... 41° C  
Freeze Point ..... -35° C  
Solubility ..... Water - complete



### HEALTH AND SAFETY

The product described herein may require precautions in handling or use because of flammability, toxicity or other considerations. Petrotreat Inc. can provide Material Safety Data Sheets, which detail the precautions necessary to handle, apply or store this product.