



PRODUCT DATA SHEET

Op-T-Scav HS 1105 Hydrogen Sulfide Scavenger

General Description

HS 1105 is an aqueous amine resin solution designed as a sulfide scavenger for gas treating applications. It is ideally suited for treating gas with high CO₂ concentrations. **HS 1105** can also be used as an additive to water soluble corrosion inhibitors and surfactants to enhance control of microorganisms.

Product Features

- Fast, effective sulfide removal
- Can be used in water, gas, or crude oil applications
- Controls high H₂S loading even in CO₂ gas
- Produces water soluble surfactant solutions
- Enhances control of microorganisms

Properties

Form:	Liquid	Water Solubility:	Soluble
Color:	Clear to hazy yellow	Specific Gravity:	1.07 ± 0.02
Flash Point:	42.1°C (107.8°F)	pH (neat):	8.0-10.5

Application

HS 1105 is used by continuous injection into gas pipelines, gathering lines, water tanks, holding pits, and vapour overheads. **HS 1105** can be diluted with methanol or water for application purposes. Reacted solutions containing converted sulfide are water soluble surfactants that are normally injected into water disposal systems.

Usage

The amount of **HS 1105** required depends upon the level of H₂S in the system and the degree of reduction desired. In water systems, the typical scavenging rate is 4-12 ppm **HS 1105** per ppm of H₂S. For treatment of H₂S in gas, one gallon of **HS 1105** removes 1.80 pounds of H₂S. The typical ratio is 5.0 ppm **HS 1105** per ppm H₂S.

Availability

HS 1105 is available in 1000 L totes, 208 L drums, 20 L pails, or in bulk.

Handling

Refer to the **HS 1105** MSDS for handling instructions.

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