

H₂S SCAVENGERS / DEGASIFICATION



FORMULA 1-HFP is a non-corrosive, fast-acting, economical batch treatment sulfide scavenger designed to treat sour fluids, such as waste water, undergoing temporary heat or thermal flux. The high flash point effectively eliminates the flammability hazards associated with hydrogen sulfide scavengers having high methanol content.

FEATURES AND BENEFITS

- Moderate foaming capacity
- Contains no methanol
- Contains no added formaldehyde
- Non-corrosive
- Fast acting
- Non-flammable and non-regulated under TDG
- Dramatically reduces turn-around time
- Suitable for environments with temperatures as low as -49°C (-56,2°F)

DIRECTIONS FOR USE

Use procedure

Use **FORMULA 1-HFP** as part of a mixing or injection procedure. Recommended procedures include pumping sour fluid directly to a dilution of **FORMULA 1-HFP** contained within another tank or vessel. May also be added directly to sour fluid via spray and fluid injection to mitigate headspace and liquid-phase contamination simultaneously.

Minimum dosage guidelines

1 - 3 L/m³ (1 - 3 oz. / ft³) per 100 ppm_w dissolved H₂S for batch treatment. Note that the application may require dosage adjustments when determining H₂S concentration by headspace measurement due to variance in partitioning.

Dwell time/Operation time

Allow to mix with sour fluid thoroughly before measuring remaining contamination levels.

Additional guidelines

Can be diluted with glycols or water depending on use procedures.

FORMULA 1-HFP

ECONOMICAL, HIGH FLASH POINT SULFIDE SCAVENGER

PHYSICAL PROPERTIES

Appearance	Clear, yellow liquid
Odour	Amine
Specific Gravity @ 20°C	1.100-1.110
Viscosity	Thin
pH	10.3-10.5
Flash Point (TCC)	>90°C (194°F)
Boiling Point	Not determined
Freezing Point	Approx. -49°C (-56,2°F)
Foaming Tendency	Moderate
Concentration Monitoring Techniques	Not determined
Water Solubility	Complete




INCOMPATIBILITY

Oxidizing materials, strong acids and bases

WAREHOUSING PRECAUTIONS

None normally required

AVAILABLE SIZES

		
20L / 5,28Gal.	205L / 54,16Gal	1000L / 264,17Gal.

FIRST AID MEASURES

EYE CONTACT

Wash with plenty of water for 15 minutes.
Consult physician if irritation develops or persists.

SKIN CONTACT

Wash with plenty of water for 15 minutes.
Consult physician if irritation develops or persists.

INHALATION

Give fresh air or artificial respiration. Consult physician.

INGESTION

Do not induce vomiting. Drink plenty of water and contact physician immediately.

HEALTH

1

FLAMMABILITY

1

REACTIVITY

0

LEGEND

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

PERSONAL PROTECTION Security equipment



GHS



IMPORTANT: Before using FORMULA 1-HFP, always be sure to read and follow precautions and directions for use appearing on the product container label and on the material safety data sheet (m.s.d.s.).



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