

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	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°F)
Foaming Tendency	Moderate
Concentration Monitoring Techniques	Not determined
Water Solubility	Complete

INCOMPATIBILITY

Acids, oxidizing agents.

WAREHOUSING PRECAUTIONS

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

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. If eye irritation persists: Get medical advice/attention.

SKIN CONTACT

Wash with plenty of water. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation or rash occurs, get medical advice/attention. Take off immediately all contaminated clothing and wash it before re-use.

INHALATION

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

INGESTION

Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

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



WHMIS



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 safety data sheet (S.D.S).



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