

FORMULA 1

HIGH CAPACITY SULFIDE SCAVENGER

FORMULA 1 is a non-corrosive, fast acting, economical batch treatment sulfide scavenger that removes hydrogen sulfide contamination in one step for a dramatic reduction in volatile headspace emissions.

FORMULA 1 is typically used in tanks or vessels to treat sour fluids such as slop oil, waste water, etc.

FORMULA 1 is also suitable for environments with temperatures as low as -50°C (-58°F).

FEATURES & BENEFITS

- Moderate foaming capacity
- Contains no added formaldehyde
- High flash-point formula available in **FORMULA 1-HFP**
- Non-corrosive
- Fast acting
- Dramatically reduces turn-around time



DIRECTIONS FOR USE

Use procedure

Use **FORMULA 1** as part of a mixing or injection procedure. Recommended procedures include pumping sour fluid directly to a dilution of **FORMULA 1** 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.

Dosage application

1 - 3 L/m³ (1 - 3 oz. / ft³) per 100 ppm_w dissolved H₂S for batch fluid 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 methanol, glycols or water depending on use procedures.

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PHYSICAL PROPERTIES

Appearance	Clear, colorless to light amber liquid
Odour	Amine/alcohol
Specific gravity @ 20 °C	0.995-1.000
Viscosity	Not available
pH	10.2-10.3
Flash point (TCC)	24°C (75°F)
Water solubility	Complete
Boiling point	Not available
Freezing point	≤ -49°C (-56°F)
Foaming tendency	Moderate
Concentration monitoring techniques	Not determined

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	205L	1000L

IMPORTANT

Before using **FORMULA 1**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

FIRST AID MEASURES

Ingestion

Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

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.

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.

PERSONAL PROTECTION



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