

NuFlo® SB80

Technical Data Sheet

NuFlo® SB80

Non-Hazardous Hydrogen Sulfide Scavenger

Description:

NuFlo® SB80 is highly concentrated, high-strength H₂S scavenger coupled with a performance boosting surfactant package. This non-hazardous, proprietary formulation is extremely effective at removing hydrogen sulfide from production systems and improving flow assurance without causing scaling or solids. The NuFlo™ SB80 formulation stimulates intimate contact between the NuFlo™ SB80's proprietary scavenging molecules and the hydrogen sulfide in the gas at the gas-liquid interface. This proprietary chemistry improves the hydrogen sulfide scavenging kinetics accelerating the scavenging reaction rate across multi-phases (gas, water, and oil) in the production system.



Characteristics:

NuFlo® SB80 has been specially formulated to remove H₂S without generating solid deposits. The product scavenges at a rate that is independent of pH permanently tying up H₂S and reducing downstream scavenger requirements. NuFlo® SB80 does not form scale and is designed to react with H₂S to form stable, water-soluble products.

Applications:

NuFlo® SB80 is ideal for production fluids and as a triazine replacement:

- Downhole injection or injected into produced water or co-produced fluids
- Systems with potential or concern for scale formation or solids build-up from prior triazine treatment
- Systems with a limited number of injection points

Product Benefits

- Most Efficient Scavenger in Market
- Does Not Form Scale or Solids
- Non-Hazardous, Non-Flammable
- Reduced Chemical Consumption
- Temperature Stable
- Permanently Ties Up H₂S
- pH Neutral
- Non-Triazine Based

Physical Properties



NuFlo[®] SB80

BULK DENSITY	10.097 #/gal
SPECIFIC GRAVITY @ 20 °C	1.21 g/cm ³
FREEZE/THAW STABLE	YES
HEAT STABLE (UP TO 65 °C)	YES
ODOR	ODORLESS
FLASH POINT (°C)	NONE
CORROSION RATES: Stainless Steel (304SS) Stainless Steel (316SS)	A-EXCELLENT A-EXCELLENT
BOILING POINT	>100 °C (212 °F)
pH	NEUTRAL (6.5 - 7.5)
APPEARANCE and COLOR	Clear Colorless Liquid
SOLUBILITY	Water: completely miscible

Availability: 55-gallon, 275-gallon tote-bins, and bulk tankers.

Shipment: Non-Hazardous for transport via DOT, IMDG, and IATA.

Storage: Keep out of direct sunlight. Keep from freezing. Store between 45-120°F.

Disposal: Dispose of in accordance with local, state, and federal regulations.

TREATMENT NOTES:

- 1) Downhole via capillary string or flowline/pipeline intervention
- 2) Produced water or co-produced fluids
- 3) Hot temperatures accelerate scavenging rate
- 4) Should be diluted with water in wells with high oil cut

***NOT SUITED FOR POST-SEPARATION GAS STREAMS**

SAFETY:

Please make sure you have read and understand the product label and SDS before using this product. Use proper chemical hygiene when handling product. Wash thoroughly after handling. Observe label precautions. This product is classified and labeled according to the Globally Harmonized System (GHS).

1155 Park Avenue
Emeryville, CA 94608

(888) 99-NuGen
(888) 996-8436
Fax (707) 891-3012

www.NuGenTec.com
Oilfield@NuGenTec.com