

Product Description

DF-SCAV-L™ is an environmentally acceptable organic based product which is effective in scavenging hydrogen sulphide in water based drilling and completion fluids, neutralizing the toxic effects of H₂S in drilling and completion operations.

Application Areas

- Completely water soluble, contains no heavy metals and reacts immediately with H₂S.
- **DF-SCAV-L™** scavenger can be used to treat out hydrogen sulfide from water-based drilling fluids.
- Used in area where the disposal of mud and mud-coated cuttings containing heavy metals is prohibited

Advantages

- Low toxicity.
- Safe and cost effective means
- Highly water soluble.
- Free from zinc.
- When react with H₂S Does not form a precipitate.
- Does not require an alkaline environment to neutralize the H₂S present in the water based fluid.

Properties

- AppearanceColorless to pale yellow liquid
- pH (neat).....9 – 12
- Specific Gravity (25°C)..... 1.145 – 1.160
- Flash Point.....> 100°C

Recommended Treatment

Operational conditions such as the fluid type, circulation rate, temperature, and rate of hydrogen sulfide influx will impact the rate of treatment.

- It is recommended that the fluid system be pretreated with **DF-SCAV-L™** if H₂S is expected.
- **DF-SCAV-L™** dose of 5 ppm will scavenge 1 ppm of H₂S. For example, in order to scavenge 100 ppm of H₂S, the treatment would be approximately 0.5 lt./m³ (0.02 gal/bbl).

Packing

DF-SCAV-L™ is packaged in 55 USG (200 liters) HDPE drum containing 230 kg. net weight.

Safe Handling

Utilize normal precautions for employee protection when handling chemical products. Utilize appropriate respirator, gloves, goggles and apron. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use. Store in a dry, well-ventilated area. Keep container closed. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.