

# NO-SULF®

Scavenger Product Data Sheet

**Product Description**

NO-SULF® scavenger is a hydrogen sulphide scavenger suitable for use in oil and water based fluid that is a solid and water insoluble. Reaction with hydrogen sulphide is relatively slow and is limited to the surface layer of each particle. NO-SULF scavenger contains zinc and therefore is unsuitable for use in certain regions.

**Applications / Functions**

- Helps remove hydrogen sulfide
- Helps prevent sulfide stress corrosion cracking of the drillpipe
- Helps protect rig personnel from sulfide gases

**Advantages**

- Will not adversely affect drilling fluid properties
- Effective in water-based and oil-based drilling fluids
- Reacts readily with hydrogen sulfide

**Typical Properties**

• Appearance	White powder
• Bulk density	35lb/ft <sup>3</sup>
• Bulk density	561kg/m <sup>3</sup>
• Specific gravity	4.5

**Recommended Treatment**

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

The amount of gas intrusion into the wellbore should be monitored carefully both by surface equipment and routine measurements of the sulfide concentration in the drilling fluid.

One-tenth of a pound (0.1 lb) NO-SULF scavenger can remove approximately 60 mg/L sulfide from one barrel of aqueous drilling fluid.

Maintaining an excess of NO-SULF scavenger in the system is recommended during intervals of hydrogen sulfide intrusion.

**Packaging**

NO-SULF scavenger is packaged in 50-lb (22.7-kg) and 55.1-lb (25-kg) sacks.