



DRILLING DETERGENT L

DESCRIPTION

Drilling Detergent L is an anionic, liquid, surface wetting agent.

PROPERTIES

| Physical | | Chemical | |
|-------------------|--------------------|-----------------|--------------------------------|
| Appearance: | Medium blue liquid | Type: | Surfactant |
| Specific Gravity: | 1.0 | Solubility: | Soluble (water) |
| Melting Point: | -15°C | pH: | 7.0-8.0 |
| Flash Point: | >80° (CC) | Microtox: | >75% @ (0.4 L/m ³) |

APPLICATION

Drilling Detergent L can be added directly to the mud system and is normally used in concentrations of 0.2-0.6 L/m³.

Drilling Detergent L is added to water based mud systems to reduce surface tension in order to gain the following advantages:

1. Promotes solids settling and reduces pump pressure.
2. Improved sampling through cleaner samples and more distinct cuttings.
3. Increased penetration rates.
4. Reduced hole friction and torque.
5. Reduced bit balling, mud rings and cake build-up on drill strings.
6. Reduced wear on surface mud system expendables.
7. Increased bit life.

MIXING AND HANDLING

Drilling Detergent L can be irritating to the skin and eyes. Inhalation may cause nausea, vomiting and dizziness. In case of skin contact wash with water. In case of eye contact flush with water for fifteen minutes and seek medical attention. If ingested induce vomiting immediately and get patient to a physician. This product contains ethylene glycol and lack of attention may cause kidney and liver damage.

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| WHMIS: Controlled (see MSDS) | TDG: Not regulated | PACKAGING: 20 liter pail |
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