



## **Product Information**

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### **Detergent L**

#### **GENERAL DESCRIPTION**

Detergent L is an anionic, surface wetting agent (surfactant). It is a liquid, 100% soluble in water, medium blue in colour, having a specific gravity of 1.0, a pH in the range of 7.0 to 8.0, and a boiling point of 105°C.

#### **FEATURES AND BENEFITS**

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

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

#### **RECOMMENDED TREATMENT**

Detergent L can be added directly to the mud system. Normally used in concentrations of 0.2-0.6L/m<sup>3</sup>.

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.

#### **HANDLING**

Detergent L is classified as a D2A and D2B controlled product using the WHMIS classification.

Refer to MSDS information for specific precautions and handling.

#### **AVAILABILITY**

Detergent L is available in 20L pails from HiTech Fluid Systems Ltd.