



Product Data Sheet (PDS)

## KI-95

### Drilling Detergent

#### PRODUCT FEATURES:

**KI-95** is a Liquid Drilling Detergent used to control surface tension for all kind of water base drilling fluids in drilling operation.

#### APPLICATION :

**KI-95 Drilling Detergent** can be used in all water-base mud. Normal treatment range from 0.4 to 0.8 kg/m<sup>3</sup> and provide satisfactory performance under most conditions. While in severe gumbo shale areas 12 ~ 18 kg/m<sup>3</sup> concentration of KI 95 Drilling detergent is recommended. However, it is advisable to contact our Technical Representative for evaluation of the system prior to application of the product.

#### PRODUCT DESCRIPTION:

**KI- 95 Drilling Detergent** is a used virtually in water-based drilling fluid. **KI-95** is **used** primarily in upper-hole drilling to minimize bit and Bottom-Hole Assembly(BHA) balling, reduce surface tension and aid in dropping sand and the removal of drill solids. It may act as Emulsifier at any point in the drilling operation to improve emulsification of oil and reduce the viscosity of oil-contaminated fluid. It frequently reduces torque and drag, even when no oil is present in the system.

#### TYPICAL SPECIFICATIONS :

| Appearance          | Light Brown colour Liquid    |
|---------------------|------------------------------|
| Sp. gravity @ 20 °C | 0.95 ± 0.05 g/cc             |
| Odor                | Mild, Typical Characteristic |
| Solubility          | 100 % Soluble in Water       |
| pH @ 20 ° C         | 9 ± 2                        |

#### SAFETY / PACKING :

**KI- 95** is available in 200 liter drums and in bulk packing on special request. Safe Handling of **KI-95** is recommended in MSDS which is available on request.



KI Oilfield Chemicals Pvt. Ltd.