

INFORMATION

KLEEN-WET

LOW-TOXICITY OIL-WETTING SURFACTANT

DESCRIPTION

KLEEN-WET is a low-toxicity oil-wetting agent specially formulated for use in Messina's Kleen-Mul low-toxicity invert emulsion mud systems. The product is a dark, slightly viscous liquid.

APPLICATION

KLEEN-WET is used to maintain preferential oil-wetting of solids in the mud system during addition of solids (native or commercial) or to correct the effects of intrusions of water.

KLEEN-WET should be used whenever significant amounts of weight material are added to an invert emulsion mud, when fine drilled solids are incorporated into the fluid, and when large amounts of water or brine enter the mud, either from deliberate addition or from subsurface water flows.

KLEEN-WET also acts as a dispersant, and may reduce mud viscosity.

RECOMMENDED TREATMENT

Dosage should be determined by pilot test, and typically ranges from 0.25 to 2.0 ppb $(0.7 \text{ to } 5.7 \text{ kg/m}^3)$.

SAFETY

Avoid over-treatment. KLEEN-WET can reduce mud viscosity significantly under certain conditions. Pilot testing is very important.

PACKAGING

KLEEN-WET is normally packaged in 5 gal (19 litre) pails containing approximately 40 lb (18 kg) of product. Steel drums of 55 gal/208 litres are also available.

KLEEN-WET is a Messina trademark