



KLEEN-CON

NON-TOXIC INVERT EMULSIFIER/SURFACTANT

DESCRIPTION

KLEEN-CON is a liquid emulsifier for use in Messina's Kleen-Mul non-toxic oil mud systems. The product is an amber-colored, slightly viscous liquid.

APPLICATION

In standard Kleen-Mul low-toxicity oil muds, KLEEN-CON is considered the secondary emulsifier, for use in conjunction with Kleen-Mul-L. However, in relaxed-filtrate systems (Kleen-Mul-RF), KLEEN-CON is frequently the only emulsifier used.

KLEEN-CON is also an excellent oil-wetting surfactant.

RECOMMENDED TREATMENT

Dosage varies, depending on fluid characteristics, drilling environment, and application.

Typical concentrations range between 0.25 and 0.75 gal/bbl ($5.9 - 17.8 \text{ L/m}^3$), with up to 1.5 gal/bbl (35.7 L/m^3) sometimes used in relaxed-filtrate, high-temperature systems.

PACKAGING

KLEEN-CON is normally packaged in 55 gal (208 litre) steel drums containing approximately 440 lb/200 kg of product.

KLEEN-CON is a Messina trademark

