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كيماويات السعودية

Saudi Chem

# SC 63-SA

DRILLING MUD EMULSIFIER

## PRODUCT DATA SHEET

### PRODUCT DESCRIPTION

**RAY 63-SA** is a product in a water carrier for use as a general purpose emulsifier in water based drilling fluids when small amounts of diesel oil are emulsified in the aqueous phase.

It contains an effective defoamer to counteract any foam which shows in the mud pit. This product is a variation on **RAY 1145** and gives a higher performance on low salt and fresh waters.

### TYPICAL PHYSICAL PROPERTIES

**Appearance:** Colourless liquid

**Specific Gravity @ 20 Deg C:** 1.02 to 1.08 at 20 Deg C

**Flash point:** Greater than 150 Deg F

**Viscosity @ 20 Deg C:** Less than 200 cps

**Pour Point:** Below 0 Deg C

**Solubility:** Water and brine

**pH:** 6.5 to 7.5

### PRODUCT APPLICATION DETAILS

**RAY 63-SA** is used as a general purpose emulsifier and finds wide application when it is required to add diesel oil to the water based drilling fluid, for defoaming or lubrication. It will give a stable emulsion of oil and drilling fluid in all levels of calcium or sodium salts. The normal dosage applied is to use 1 to 2 lb/bbl of drilling fluid, depending on the percentage of diesel to be emulsified and the salinity of the base fluid

### PRODUCT PACKAGING DETAILS

**RAY 63-SA** is packaged in 55 US Gallon drums .

### PRODUCT HANDLING DETAILS

**RAY 63-SA** is not considered to be harmful, but avoid eye contact and prolonged or repeated skin contact.

In case of eye contact, hold the eye lid open and flush with water for at least 15 minutes. Seek medical aid. In case of skin contact, remove all contaminated clothing and wash affected area with soap and water. Launder all clothing before re-use.

**SAUDI CHEM** P.O. BOX 70108 Al-Khobar 31952 Kingdom of Saudi Arabia

**TEL No.:** +966 13 812 1166 | +966 13 847 6467 **FAX NO.:** +966 13 847 6985

**E-Mail:** solutions@saudichem.com **Website:** www.saudi-chem.com