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كيماويات السعودية

Saudi Chem

# SC 1110-SA

DRILLING WATER BASED LUBRICANT

## PRODUCT DATA SHEET

### PRODUCT DESCRIPTION

**SC 1110-SA** is a blend of surfactants and esters designed to provide lubrication and prevent stuck pipe in water based mud systems. It is hydrocarbon free, and dispersible in water. Particularly effective as a drill in lubricant in high brine systems.

### TYPICAL PHYSICAL PROPERTIES

**Appearance:** Yellow to amber Liquid

**Specific Gravity @ 20 Deg C:** 0.85 to 0.95

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

**Pour Point:** Below 0 Deg C

### PRODUCT APPLICATION DETAILS

**SC 1110-SA** is designed to eliminate the problems of stuck collars and pipe when drilling with water based fluids. It works by imparting lubricity to the system, reducing torque, and is effective in horizontal drilling sections. The optimum treatment level will depend on the individual system, but will usually be in the range of 1.5 to 2.5 lb/bbl of chemical on the total volume of drilling fluid. Additional amounts up to 3lb/bbl may be necessary in horizontal sections, where drilling is difficult. It can be added to the system neat or diluted as a dispersion in water, and is considered relatively non toxic.

### PRODUCT PACKAGING DETAILS

**SC 1110-SA** is supplied in 55 US gall drums or IBC or bulk tanker.

### PRODUCT HANDLING DETAILS

Although **SC 1110-SA** is classed as non hazardous, repeated or prolonged skin contact should be avoided, due to a defatting effect. Rubber gloves and goggles should be worn when handling. In case of eye contact, hold the eyelids open and flush with water for 15 minutes. In the case of skin contact, wash the affected area with soap and water. In case of ingestion, drink large amounts of milk or water and seek medical aid. Do not induce vomiting.

**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