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كيماويات السعودية

Saudi Chem

# SC 174

DRILLING WEIGHTED PIPESTUCK ADDITIVE

## PRODUCT DATA SHEET

### PRODUCT DESCRIPTION

A balanced formulation designed to give the necessary surfactant and lubricating properties needed to free stuck drill pipe. **SC 174** is a product that can be weighted up to high mud weights with the addition of fluids and baryte. **SC 174** is a blended mixture of emulsifiers, lubricants, oil wetting agents and clays.

### TYPICAL PHYSICAL PROPERTIES

<b>Appearance:</b>	Brown opaque liquid
<b>Flash Point:</b>	Less than 85 Deg F
<b>Specific Gravity @ 20 Deg C:</b>	0.95 to 1.0
<b>Viscosity @ 20 Deg C:</b>	Approximately 1500 cps
<b>Pour Point:</b>	10 Deg C

### PRODUCT APPLICATION DETAILS

Using **SC 174** at 5 gallons per barrel of finished fluid, a stuck pipe fluid can be easily made to release stuck drill pipe. The usual oil water ratio would be in the 75/25 area. The pipe release fluid manufactured will enable the operator to weigh up to 16 pounds per gallon mud weight with a high degree of stability, and rheological property control. The oil wetting agent in the product gives the flexibility of varying mud weights, while holding adequate rheology. The surfactant in the product acts upon the filter cake, reducing the adhesion problem and releasing the drill string. A weighted pill of releasing fluid is spotted at the required depth and left to sit for several hours. The stuck pipe will have been released at this time.

### PRODUCT PACKAGING DETAILS

**SC174** is packaged in 55 US Gallon drums.

### PRODUCT HANDLING DETAILS

**SC 174** is not considered harmful, but contact with the skin should be washed off with soap and water. Contact with the eyes should be treated by washing with water and consulting a doctor.

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