

# ChemSol

## DRILLING FLUID PRODUCTS

### **STEARIC ACID**

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#### **PRODUCT DESCRIPTION**

Stearic acid is used in drilling fluids as a viscosifier and defoamer. It is a type of organic acid derived from animal and vegetable fats and oils. Fatty acids are the raw materials used in the manufacture of many drilling-fluid additives, such as emulsifiers, oil-wetting agents and lubricants.

#### **RECOMMENDED TREATMENT**

Application rates will vary. Apply as needed until desired viscosity is reached. For defoaming applications, treat system as needed to reduce foaming of fluids.

#### **PRODUCT ADVANTAGES**

- Non-Toxic drilling additive.
- Multi-Functional additive.

#### **TYPICAL CHEMICAL SPECIFICATION AND PROPERTIES**

Appearance:	White powder or prills
Fatty Acid Composition	
Stearic Acid:	51.9
Moisture Content%:	0.1
Acid Value:	208 MG KOH/g
Iodine Value:	0.4 g/100g

#### **PRODUCT HANDLING**

Review all product specification and MSDS information prior to product application. Utilize chemical handling equipment and personal protection apparel (i.e. goggles & gloves) as specified in product MSDS when handling this material. Avoid inhalation and direct contact with eyes.

#### **STORAGE**

Store Stearic Acid in a cool, well ventilated area, free of exposure to moisture.

#### **PACKAGING**

Stearic Acid is available in 50lb multi-wall sacks.

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