

ALUMINUM STEARATE

Product Description

ALUMINUM STEARATE is an aluminum salt of stearic acid.

Typical Application

ALUMINUM STEARATE is an effective defoamer for many types of water based mud systems. ALUMINUM STEARATE reduces the surface tension of water based fluids enhancing the breakout of gas and air bubbles, minimizing the foaming tendency of the drilling fluid.

Product Advantages

- ALUMINUM STEARATE is a highly effective defoamer for virtually all types of water based mud.
- It is effective at low concentrations.
- It is easily prepared and added with materials available at the rig site.

Recommended Treatment

ALUMINUM STEARATE powder is mixed with diesel or mineral oil (at a ratio of 25 pounds aluminum stearate to 15 gallons of oil), and then added by spraying or shaking small amounts on top of the mud in pits where foaming is a problem.

Handling

Employees should utilize normal precautions when handling chemical products. Safety goggles, chemical apron, and gloves are recommended when handling and mixing this product. In case of contact with eyes, flush well with copious quantities of fresh, clean water. In case of contact with skin, wash with soap and water. See Material Safety Data Sheet (MSDS) for this product prior to use.

Storage

Store in a protected area away from wet conditions.

Packaging

ALUMINUM STEARATE is available in 25 pound multi-wall sacks.

Typical Chemical and Physical Properties

Specific Gravity g/cm ³	1.009
Solubility	Insoluble in water, slightly soluble and dispersible in oil
Appearance	Fine white powder
Color	White