

Aluminum Stearate

Solutions Through Technology..... Environmentally Friendly Chemicals

Product Description

Aluminum Stearate is an aluminum salt of stearic acid. It is a highly effective defoamer for virtually all types of water based mud. **Aluminum Stearate** is effective at low concentrations and is easily prepared and added with materials available at the rig sites.

Application

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.

Recommended Treatment

Aluminum Stearate powder is mixed with diesel or mineral oil (at a ratio of 25 pounds **Aluminum Stearate** to 12 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

Always wear proper Personal Protective Equipment. Wash hands thoroughly after use. Avoid contact with eyes. If contact occurs, flush eyes immediately with water for 15 minutes while holding eyelids open.

See SDS for further details regarding the safe use of this product.

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

Appearance	Fine White Powder
Odor	Slight, Fatty acid
Color	White
Solubility	Insoluble in water, slightly soluble and dispersible in oil
Melting Point °F	230 – 334 °F
Specific Gravity g/cm ³	1.009