EZ-MUD® GOLD

Shale Stabilizer

Product Data Sheet

Product Description

EZ-MUD® GOLD shale stabilizer is a 100% active synthetic dry polymer that acts as a reactive clay and shale stabilizer by inhibition the uptake of water. Because of its unique physical structure, EZ-MUD GOLD shale stabilizer is easily dispersed and mixed into a fluid with minimal shear and does not significantly increase the fluid viscosity. EZ-MUD GOLD shale stabilizer is suitable for use up to 300°F (149°C) in fresh water, sea water and monovalent brines. High pH environments (> 10.5) can cause hydrolysis, particularly at elevated temperatures, and should be avoided.

Applications / Functions

- Enhances rheological properties of a low-solids drilling mud
- Promotes clay and shale stabilization to prevent swelling and/or dispersion
- Promotes borehole stability in water sensitive formations
- Minimizes rotational torque and circulating pressure
- Promotes enhancement of air-foam system capabilities
- Enhances core recovery in continuous wireline coring operations

Advantages

- NSF/ANSI Standard 60 certified
- Unique physical structure allows for easy dispersion and mixing with minimal shear
- · Allows for use of increased concentrations to gain inhibition without excess viscosity production
- · No petroleum distillates present
- Breaks down chemically with bleach (sodium hypochlorite)
- Compatible with other Baroid drilling fluid additives when added in proper sequence
- Non-fermenting

Typical Properties

Appearance

White, free-flowing beads

Bulk density

52 lb/ft³

• pH, (1% solution)

7.75

Recommended Treatment

Using a Venturi Mixer, or into vortex of a high-speed stirrer, add slowly and uniformly to the entire circulating system.

Packaging

EZ-MUD GOLD shale stabilizer is packaged in 10-lb (4.54-kg), 33.1-lb (15-kg) and 40-lb (18.1-kg) plastic containers with re-sealable flip top lids.

www.halliburton.com/baroid

Because the conditions of use of this product are beyond the seller's control, the product is sold without warranty either express or implied and upon condition that purchaser make its own test to determine the suitability for purchaser's application. Purchaser assumes all risk of use and handling of this product. This product will be replaced if defective in manufacture or packaging or if damaged. Except for such replacement, seller is not liable for any damages caused by this product or its use. The statements and recommendations made herein are believed to be accurate. No guarantee of their accuracy is made, however.