

# 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/ft <sup>3</sup>     |
| • 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.