EZ-MUD® shale stabilizer is a synthetic polymer dispersed in a liquid carrier that is used in water based fluids to help stabilize reactive clay and shale formations. This product absorbs onto cuttings and clays on the borehole wall, which helps to prevent dispersion. EZ-MUD shale stabilizer also quickly viscosifies with increased concentrations. This product is readily soluble in fresh, brackish, or monovalent salt waters, and can be used with clay based viscosifiers or alone to prepare solids-free drilling fluids. EZ-MUD shale stabilizer is suitable for application up to 300°F (149°C). High pH environments (> 10.5) can cause hydrolysis, particularly at elevated temperatures, and should be avoided.

Applications / Functions
- Helps stabilize water-sensitive formations
- Helps reduce bit-balling
- Helps increase rheological properties of drilling fluids
- Helps provide mud lubricity in low pressure situations
- Helps floculate drilled solids when used in low concentrations
- Helps enhance the yield of bentonite clays in low solids drilling systems

Advantages
- Yields rapidly with minimum shear
- Is nonfermenting
- Does not require biocides
- Stable in monovalent salt (NaCl, KCl, etc.) environments
- Effective in small concentrations
- Can be destroyed with oxidizing agents when desired

Typical Properties
- Appearance: Milky-white fluid with minimal syneresis
- Flash point, PMCC > 200°F
- Flash point, PMCC > 93°C
- Specific gravity: 1.05

Recommended Treatment
Add 1-4 lb/bbl (2.9-11.4 kg/m³) of EZ-MUD shale stabilizer slowly through the hopper.

Note: If product has separated due to extended storage, resuspend by shaking vigorously or rolling containers before using.

Packaging
EZ-MUD shale stabilizer is packaged in 5-gal (18.9-l), 1-gal (3.8-l) and 6.6 gal (25-l) pails.

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.

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