



MUD GEL®

Viscosifier

Description

MUD GEL® viscosifier is a finely ground, premium-grade sodium bentonite that conforms to the American Petroleum Institute (API) Specification 13A, section 9 requirement. MUD GEL viscosifier also functions as a filtrate reducer in freshwater drilling fluids.

Applications/Functions

The use of MUD GEL viscosifier assists and promotes the following applications and functions:

- Viscosified water-based drilling fluids
- Reduced filtration by forming a thin filter cake with low permeability
- Improved hole cleaning capabilities
- Hole stability in poorly consolidated formations

Advantages

- Develops gel structure for cuttings suspension
- Can be added directly to fresh water or freshwater drilling fluids
- Provides lubricity in drilling fluids

Typical Properties

- Appearance Variable-colored powder (gray to tan)
- Bulk density, lb/ft³ 68 to 72 (as packaged)

Recommended Treatment

Mix slowly through a jet mixer or sift slowly into the vortex of a high-speed stirrer.

Approximate Amounts of MUD GEL® Viscosifier Added to Freshwater Based Fluids		
lb/bbl	lb/100 gallons	kg/m ³
8.4 – 21.0	20.0 – 50.0	24.0 – 60.0

1 bbl = 42 U.S. gallons

Packaging

MUD GEL viscosifier is packaged in 25-kg multiwall paper bags.

Availability

MUD GEL viscosifier can be purchased through any Baroid Industrial Drilling Products Retailer. To locate the Baroid IDP retailer nearest you, contact the Customer Service Department in Houston or your area IDP Sales Representative.

Baroid Industrial Drilling Products Product Service Line, Halliburton

3000 N. Sam Houston Pkwy. E.
Houston, TX 77032

Customer Service	(800) 735-6075 Toll Free	(281) 871-4612
Technical Service	(877) 379-7412 Toll Free	(281) 871-4613