AQUAGEL®

Viscosifier

Description

AQUAGEL® viscosifier is made from finely ground, premium-grade, Wyoming sodium bentonite and meets the requirements of American Petroleum Institute (API) Specification 13A, Section 9. AQUAGEL bentonite functions as a viscosifier and filtrate reducer in freshwater drilling fluids.

Applications/ Functions

The use of AQUAGEL viscosifier assists or promotes the following:

- Viscosify water-based drilling fluids
- Reduce filtration by forming a thin filter cake with low permeability
- Improve hole cleaning capabilities
- Promote hole stability in poorly consolidated formations

Advantages

- Helps develop gel structure for cuttings suspension
- Can be added directly to fresh water or freshwater drilling fluids
- Helps provide lubricity in drilling fluids
- NSF/ANSI Standard 60 certified
- Classified as *Relatively Harmless* according to the U.S. Fish & Wildlife Standard

Note: *Relatively Harmless* is the least toxic rating based on the U.S. Fish & Wildlife Aquatic Acute Toxicity Classification.

Typical Properties

- Appearance — Variable-colored powder (gray to tan)
- Bulk density, lb/ft^3 — 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 AQUAGEL viscosifier Added to Water-Based Fluids		
Lb/bbl	**Lb/100 gal**	**Kg/ m^3**
10.5-21	**25-50**	**30-60**

* 1 bbl = 42 U.S. gallons

Packaging

AQUAGEL® viscosifier is packaged in 50-lb (22.7 kg) multiwall paper bags.

Availability

AQUAGEL 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

Rev. 11/29/2012