



AQUAGEL[®]

Viscosifier

Description AQUAGEL is a finely ground, premium-grade Wyoming sodium bentonite which meets the American Petroleum Institute (API) Specification 13A, section 9 requirement. AQUAGEL functions as a viscosifier and filtrate reducer in freshwater drilling fluids.

Applications/Functions

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

Advantages

- NSF/ANSI Standard 60 Certified
- 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 AQUAGEL Added to Fresh Water or to Freshwater Drilling Fluids			
Application/Desired Result			
Added to Fresh Water	lb/100 gal	lb/bbl*	Kg/m³
Under normal drilling conditions	30-50	13-22	35-60
To stabilize caving formations	60-80	25-35	70-100
To stop circulation loss	70-95	30-40	85-110
Added to Freshwater Mud	lb/100 gal	lb/bbl*	Kg/m³
Under normal drilling conditions	10-25	4-10	11-28
To stabilize caving formations	20-45	9-18	25-50
To stop circulation loss	25-50	10-20	28-56

* 1 bbl = 42 U.S. gallons

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

Availability AQUAGEL can be purchased through any Baroid Industrial Drilling Products Distributor. To locate the Baroid IDP distributor 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
