



AQUAGEL®

Viscosifier

Description AQUAGEL®, finely ground, premium-grade Wyoming sodium bentonite meets the requirements of American Petroleum Institute (API) Specification 13A, section 9. AQUAGEL 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
 - NSF/ANSI Standard 60 certified
 - Can be added directly to fresh water or freshwater drilling fluids
 - Helps provide 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® viscosifier Added to Water-Based Fluids			
Added to Fresh Water	lb/100 gal	lb/bbl*	Kg/m ³
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 Drilling Fluid	lb/100 gal	lb/bbl*	Kg/m ³
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® 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

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Houston, TX 77032

Customer Service (800) 735-6075 Toll Free (281) 871-4612

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