



BAROID 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/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		
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.