



AQUAGEL GOLD SEAL[®]

Premium Untreated Sodium Bentonite

Description AQUAGEL GOLD SEAL[®] is a premium, high-yielding Wyoming sodium bentonite that contains no polymer additives or chemical treatments of any kind. AQUAGEL GOLD SEAL is a 200 mesh dry-powdered clay that can be added directly to fresh water or freshwater drilling fluids. AQUAGEL GOLD SEAL functions as a viscosifier and filtrate reducer in freshwater drilling fluids.

Applications/Functions

- Can viscosify freshwater drilling fluids
- Can reduce filtration by forming a thin filter cake with low permeability
- Can improve hole cleaning capabilities
- Promotes hole stability in poorly consolidated formations

Advantages

- Naturally-occurring clay mineral without chemical additives
- NSF/ANSI Standard 60 certified
- Ideal for geotechnical drilling and environmental monitoring well drilling applications
- Helps develop gel structure for cuttings suspension
- Quality controlled and manufactured to meet API Specification 13A, section 10
- Filter cake easily removed from formation by the back flow
- Helps provide lubricity in drilling fluids

Typical Properties	• Appearance	Variable-colored powder (gray to tan)
	• Bulk density, lb/ft ³	68 to 72 (as packaged)

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

Recommended Treatment

Approximate Amounts of AQUAGEL GOLD SEAL® viscosifier 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 Drilling Fluid	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 aid in control of lost circulation	25-50	10-20	28-56

* 1 bbl = 42 U.S. gallons

Packaging

AQUAGEL GOLD SEAL premium bentonite is packaged in 50-lb (22.7 kg) multiwall paper bags.

Availability

AQUAGEL GOLD SEAL can be purchased through any Baroid Industrial Drilling Products Retailer. To locate the Baroid IDP retailer nearest you contact the Customer Service. AQUAGEL GOLD SEAL 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

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