



730 North Anderson Road  
 Rock Hill, South Carolina 29730  
 P: 803.327.3833  
 F: 866.402.0133  
 www.AquaSolCorp.com

# AquaDril

Aquadril is a modified starch-based fluid loss control additive designed for water-based drilling fluids. Its anionic polymer structure provides effective filtration control with minimal impact on viscosity, supporting stable fluid systems across a range of drilling conditions.

Aquadril is engineered as a cost-effective alternative to traditional CMC and PAC products, while maintaining reliable performance in demanding applications.



### Applications:

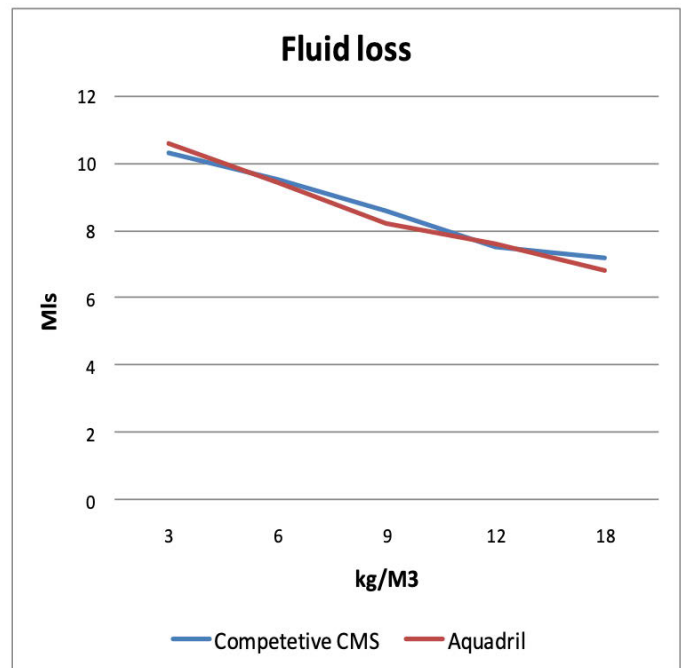
- Water-based drilling fluids for oil and gas operations
- Horizontal directional drilling(HDD)
- Systems requiring cost-effective fluid loss control

### Performance and Economy

Aquadril provides effective fluid loss control in water-based drilling fluids while minimizing increases in viscosity, allowing for better control of fluid properties. It is effective at relatively low concentrations and can be used as a primary fluid loss additive or in combination with PAC/CMC systems.

When used in blended systems, Aquadril may act as a cost-effective extender, with reported synergy improving overall fluid loss performance. Typical usage ratios range from 3:1 to 5:1 Aquadril™ to PAC, depending on system requirements.

Aquadril is effective in temperatures up to approximately 275°F and is designed to resist biological degradation without the need for additional biocides. Downhole, it forms a thin, resilient, low-permeability filter cake that helps reduce fluid invasion, minimize differential sticking, and support wellbore stability.



### Environmental

Aquadril is biodegradable and has been shown to meet Microtox testing standards. It should be handled in accordance with local, state, and federal regulations. Users are responsible for evaluating compatibility and proper disposal based on their specific application.

### Characteristics

- Appearance: Off White Powder
- Ionic Character: Anionic
- Moisture: <12%
- pH: 8-10
- Density: 1.2

### Applications

- Oil and Gas Drilling
- Horizontal Directional Drilling

### Environmental

- Fully biodegradable
- Microtox approved

### Packaging and Product Form

- 50 lb paper sacks
- Private Label