



Cost Effective solution for Oil & Natural Gas Drilling Operation Liquid Waste Streams

Oil and gas extraction operations create a variety of liquid waste streams that require transportation and disposal. With lowering prices, these costs can have a critical effect on the bottom line.

Aqua Sorb super absorbent polymers (SAP) efficiently solidify that waste without significantly increasing weight or volume which reduces waste transportation and disposal costs.

Aqua Sorb super absorbent polymers are safe, versatile, and can solidify liquid waste streams and sludges associated with:

- ◆ Drilling fluid (mud) and drill cuttings disposal
- ◆ Mine tailings
- ◆ Pit, pond and lagoon closures
- ◆ Above and below ground tank decommissioning
- ◆ Waste contained in roll off boxes
- ◆ Hazardous waste streams
- ◆ MGP remediation
- ◆ Soil fixation and stabilization
- ◆ Dewatering



Aqua Sorb polymers:

- ◆ Minimize waste volume—typical expansion is less than 1%
- ◆ Mix quickly to improve production efficiency
- ◆ Passes the EPA Test Method 9095 paint filter test
- ◆ Are approved for landfill use

Waste streams generated by the mining and oil and gas sectors vary. Because of this, we provide several grades and blends of Aqua Sorb super absorbent polymers to meet the performance and economic requirements of each project.

Our super absorbent polymer specialists can help you select the right grade of Aqua Sorb for your various projects.

Available in 50# bags and Supersacks



AQUA SORB SUPER ABSORBENT POLYMER—FOR DRILLING



LIQUID WASTE SOLIDIFICATION

AQUA SORB FIBER W/SAP

Aqua Sorb Fiber is premium grade “reclaimed cellulose” that contains 5% Aqua Sorb superabsorbent polymers. Aqua Sorb alone absorbs and retains large volumes of aqueous solutions with very little mixing. The absorptive properties of Aqua Sorb Fiber are ideally suited for the absorption and solidification of many waste streams or sludgewater. This fiber is a **COST-EFFECTIVE** and **EFFICIENT** method of converting industrial wastewater or any other sludge into a solidified, manageable substance.

APPLICATIONS:

Aqua Sorb Fiber is specially formulated for use in the following applications:

- ◆ Solidification of sludge-water, dredge spoils, wet soils & other semi-solids
- ◆ Absorption of sludge for sewage treatment plants
- ◆ Absorption of water based drilling fluids
- ◆ Absorption of overflow liquids due to flooding

PRODUCT FEATURES:

- ◆ Reduces Waste Disposal Costs by not increasing in size
- ◆ Biodegradable
- ◆ Excellent absorption ratios
- ◆ Excellent replacement for sawdust
- ◆ Will absorb aqueous wastes of pH >4 without neutralization (pH Adjustment)
- ◆ Can Absorb up to 10 times its weight in water

SPECIFICATIONS:

Short-fiber pulp : 90%

SAP (Super Absorbent Polymer) :5%

Plastic film piece : 5%

Baled with 2 wires and stretch wrapped

53 feet truck load : 42,000 lbs.



AQUA SORB FIBER SUPER ABSORBENT FLUFF W/POLYMER

Available Through:
The ARK Enterprises, Inc.
www.arkent.com
800-872-5741



Oil & Gas