



**AQUA Sorb® is a solid, granular cross-linked sodium  
ADVANCED SUPER ABSORBENT POLYMER  
that rapidly absorbs & retains large volumes of  
aqueous solutions, converting them  
into a semi-solid, gelled state.**

The absorptive properties of **AQUA Sorb** are ideally suited for the absorption & solidification of industrial waste streams containing inks, heavy metals and other general contaminants.

**AQUA Sorb** is a remarkable, yet economical tool for spill management, containment, clean up and disposal. 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
- ◆ Pit, pond and lagoon closures
- ◆ Above and below ground tank decommissioning
- ◆ Waste contained in roll off boxes
- ◆ Hazardous waste streams
- ◆ 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

### **AQUA Sorb :**

- ☑ Is Non-Toxic, Non-Hazardous; does not produce heat or off-gasses.
- ☑ Meets and exceeds EPA, OSHA, & ANSI Guidelines for absorbent material performances
- ☑ Passes the Paint Filter Liquid Test (Method 9095)
- ☑ Non-Biodegradable polymer (Per 40 CFR 264.314 (e) (1) (ii))
- ☑ Expands by less than 1% when hydrated
- ☑ SEG certified incinerable material with heat value of 5560 BTU/lbs.
- ☑ Strong ion exchange capability allows for heavy metals to be bound & waters pass TCLP
- ☑ Absorbs over 300 times its weight in water
- ☑ Freeze-Thaw Tested - will not release liquids after freezing and subsequent heating to 160° F
- ☑ Produces over 5,000 BTU's per pound when incinerated
- ☑ Solidifies most aqueous solutions in less than 2 minutes—does not require mixing.



**AQUA SORB SUPER ABSORBENT POLYMER—INDUSTRIAL USE**



## POSSIBLE USES FOR AQUA SORB:

**Autopsy Absorbents** – stops/cleans up leakage of body fluids - autopsy, funeral homes, hospitals, etc.

**Baby and Adult Diapers** - an estimated 2 billion pounds per year in the U.S. alone

**Bait and Gaming Gels** - holds scent and soluble baits in traps - trap baits, etc.

**Body Cooling Gels for Apparel** - bandanas, headbands, wrist bands - work, sports, etc.

**Body fluids absorption** – eliminates odors, reduces possibility of airborne pathogens, vapor suppression, first responders, medical cleaning staff, school janitorial, etc.

**Cleaning Gels** - holds cleaner on vertical services - rust removers, cleaning agents, etc.

**Fragrance Gels** - reduces evaporation, acts to time release - deodorizers, etc.

**Fire Fighting Gel** - keeps water on the fire surface - forest fires, fire breaks, structure coating, etc.

**Floral Arrangements** - holds water to keep from spilling during deliveries, also allows for slow evaporation of water, keeping flowers hydrated for longer periods of time.

**Hazardous Waste Control** – stabilization and solidification of commercial wastewater, decontamination water, spilled chemicals and pesticides – first responders, waste management personnel, etc.

**Heat Packs** - for ease and control of heat pads - body heat packs, food, etc.

**Ice Packs** - keeps water colder for longer periods - fish, flowers, food, etc.

**Kitty Litter Additive** - holds it plus reduces odors.

**Medical Waste Absorbents** – stabilizes and cleans up leakage of body fluids, reducing spread of germs; vapor suppression: blood, urine, vomit, etc. at hospitals, portable toilets, public transportation, school buses, scientific laboratories, etc.

**Oil/Water Separation** - removes water from fuel tanks, filters - farm tractors, trucking, boating, etc.

**Pesticide Gels** - makes liquids manageable and remains effective for a much long period of time - spider control in rafters, termites, etc.

**Sludge water treatment** - gels sludge water for stabilization or solid waste disposal - industry, water treatment, etc.

**Solidify Liquid Wastes** - gel liquids for solid waste disposal - industry, bio-medical, etc.

**Soil hydration** - blend into soil to increase water retention and slow the release of moisture in soil, reduces erosion – environmental, farming industries, etc.

**Spill Control** - picks up any aqueous liquid spills quickly; vapor suppression, solidifies aqueous chemicals for safer transportation, reduces risks for secondary contamination, etc. – hazmat teams, lawn spray companies, manufacturing companies, transportation companies, etc.

**Tattoo Parlors** - solidify inks

AQUA SORB  
SUPER ABSORBENT POLYMER—GENERAL USE

Available Through:  
**The ARK Enterprises, Inc.**  
[www.arkent.com](http://www.arkent.com)  
800-872-5741

