

# AlcoPAS™ 1000



AlcoPAS 1000 is a polyaluminum sulfate with 50% basicity and contains only trace levels of chloride, which limits the impact on the chloride-to-sulfate mass ratio (CSMR) of the treated water. The effect of the pre-hydrolysis is to reduce by 50% the amount of alkalinity consumed during the coagulation process and to lower the requirements of pH adjustment chemicals such as lime or caustic, which is very important in raw water sources of low alkalinity. It also has the effect of increasing the rate at which the coagulation step occurs, reducing the amount of coagulant required. It is certified to the NSF/ANSI/CAN 60 standard for the treatment of potable water.

Specification	Value
ALUMINA, PERCENT $Al_2O_3$	8.0 - 8.5
BASICITY, PERCENT	48 - 52
SULFATES, PERCENT $SO_4$	16.8 - 17.2
CHLORIDES	20 PPM MAXIMUM
APPEARANCE	CLEAR TO HAZY LIGHT BEIGE
SPECIFIC GRAVITY AT 60°F	1.285 - 1.300

Properties	Value
PRODUCT WEIGHT	10.71 - 10.83 LBS. PER GALLON
PH (NEAT)	2.5 - 4.5
VISCOSITY (CPS)	10 - 15 AT 23 °C

Delivery Options <sup>1</sup>	Pounds	Gallons
RAIL	180,000	16,705
TANK TRUCK <sup>2</sup>	45,000	4,176
IBC TOTE	2,925	271
DRUM	585	54

<sup>1</sup> Not all options are available at each production location

<sup>2</sup> Tank Truck capacities can vary depending on configuration

## Principal uses

- Drinking water / wastewater treatment
- Removal of suspended and dissolved matter such as organics and phosphorus
- Reduction of Chloride to Sulfate Mass Ratio (CSMR)

## Safety/Handling

Observe caution when handling corrosive materials. Please consult the safety data sheet (SDS) for safety and handling precautions.

## Production

With 29 manufacturing facilities across the United States, contact us for product availability.

The information presented herein is believed to be accurate and reliable but is given without guarantee or warranty, expressed or implied. The user should not assume that all safety measures are indicated or that other measures may not be required. The user is responsible for assuring that the product and equipment are used in a safe manner that complies with all appropriate legal standards and regulations.

# About Usalco

Water powers life. At Usalco, that means we believe only the best will do — cleaner water, smarter systems, and sustainable outcomes. Equipped with the best in water treatment solutions and innovations, Usalco goes farther and works harder to empower others, because when everything depends on water, you can depend on Usalco.

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Headquartered in Baltimore, Maryland, Usalco has 29 manufacturing plants and industry-leading technical resources across North America. That means high-quality products, best-in-class service, and industry-leading technologies from coast to coast

