



ALUMINUM SULFATE

Aluminum Sulfate (Acidified)



Aluminum Sulfate Solution (Acidified) is engineered by dissolving alumina trihydrate in water and sulfuric acid. We use only premium raw materials and advanced manufacturing processes to deliver consistent quality. This solution meets the American Water Works Association Standard B403-24 and complies with NSF/ANSI 60: Drinking Water Treatment Chemicals – Health Effects, with a maximum application rate of 150 mg/L.

Specification	Value
ALUMINA, PERCENT Al_2O_3	6.2 - 6.7
ACIDITY, PERCENT	6.5 - 7.5
IRON (FE)	50 PPM MAX
APPEARANCE	CLEAR TO AMBER OR LIGHT GREEN LIQUID.
SPECIFIC GRAVITY AT 60°F	1.28 - 1.33

Properties	Value
PRODUCT WEIGHT	10.61 LBS. PER GALLON
PH (NEAT)	0.2 - 1.0
FREEZING POINT	0° - 10°F

Delivery Options ¹	Pounds	Gallons
RAIL	180,000	16,968
TANK TRUCK ²	45,000	4,242
IBC TOTE	2,975	280
DRUM	575	54

¹ Not all options are available at each production location

² Tank Truck capacities can vary depending on configuration

Principal uses

- Drinking water – removal of suspended matter.
- Wastewater treatment – coagulant / flocculant for the removal of suspended matter and phosphorus.
- Pulp and paper manufacturing – retention and drainage aid, charge neutralization, pH control, improved sizing efficiency.
- Food industry – firming agent in pickle processing.

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.



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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.

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

