



ALUMINUM SULFATE

Aluminum Sulfate Solution Iron Free



Aluminum Sulfate Iron Free is an aqueous solution manufactured by dissolving alumina tri-hydrate (ATH) into water and sulfuric acid. The use of only stringently selected raw materials and state-of-the-art manufacturing practices ensures that our Aluminum Sulfate is of the highest quality. Our Alum meets the specifications of the American Water Works Association Standard B403-24 and complies with the requirements of NSF/ANSI/CAN 60: Drinking Water Treatment Chemicals-Health Effects at a maximum dosage of 150 mg/L.

Specification	Value
ALUMINA, PERCENT AL ₂ O ₃	> 8.0
IRON	50 PPM MAX
APPEARANCE	CLEAR WITH NO VISIBLE PARTICULATES
WATER-INSOLUBLE	< 0.2 % MATTER

Properties	Value
PRODUCT WEIGHT	10.2 - 11.0 LBS. PER GALLON
PH (NEAT)	1.5 - 2.8
FREEZING POINT	9°F
SPECIFIC GRAVITY AT 60°F	1.31 - 1.34

Delivery Options ¹	Pounds	Gallons
RAIL	180,000	16,289
TANK TRUCK ²	45,000	4,072
IBC TOTE	3000	271
DRUM	600	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, sizing efficiency.
- Lake management - algal bloom prevention
- Catalyst Manufacturing

Safety/Handling

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

Production

With 27 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.

