

Sodium Aluminate 43%



Sodium Aluminate Solution 43% is a clear to slightly hazy, amber aqueous solution. It is an advanced very high basicity anionic aluminum-based coagulant and flocculant for the treatment of industrial process water and wastewater. It is used in paper manufacturing in the wet-end process for sizing, coagulation, and retention. It is also used in the production of pigments and catalysts.

Properties	Value
ALUMINA PERCENT Al_2O_3	23.0 - 23.8
APPEARANCE	AMBER LIQUID
VISCOSITY (CPS)	200 - 400
SPECIFIC GRAVITY AT 60°F	1.485 - 1.585
PRODUCT WEIGHT	12.68 LBS. PER GALLON
PH (NEAT)	~14

Delivery Options ¹	Pounds	Gallons
RAIL	180,000	14,199
TANK TRUCK ²	45,000	3,550
IBC TOTE	3,400	268
DRUM	670	53

¹ Not all options are available at each production location

² Tank Truck capacities can vary depending on configuration

Principal uses

- Industrial water / wastewater treatment – removal of suspended matter.
- Pulp and paper manufacturing – pitch control and sizing agent.

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.

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

