



# Technical Data Sheet

## Aluminum Chloride Solution

USALCO Aluminum Chloride is a solution that is very effective in drinking water treatment, removal of phosphorus from municipal/industrial wastewater, and as an intermediate chemical in the manufacturing of various products. This product complies with the requirements of NSF/ANSI/CAN 60: Drinking Water Treatment Chemicals - Health Effects at a maximum dosage of 250 mg/L.

### PROPERTIES

Appearance:	Color may vary
Specific Gravity @60°F:	1.27-1.29
Freezing Point	-30°F

### SPECIFICATIONS

% Al <sub>2</sub> O <sub>3</sub> :	10.7 ± 0.4
% Al:	5.7 ± 0.2
Product Weight	~10.68 Lbs. /US Gallon
pH (neat)	0.5 ± 0.4

This product can be produced with free acid or free Al<sub>2</sub>O<sub>3</sub> depending on customer requirement.

### PRINCIPAL USES

Drinking water / wastewater treatment – removal of suspended and dissolved matter such as organics and phosphorus.

### SAFETY / HANDLING

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

### DELIVERY

55 gallon drums, 275 gallon IBCs (totes), tank trucks and railcars

### PRODUCTION

USALCO has production facilities in:

- La Porte, Texas
- Bastrop, Louisiana
- Fairfield, Ohio
- Ashtabula, Ohio
- Orangeburg, South Carolina
- Baltimore, Maryland

### CUSTOMER SERVICE

If you have any questions concerning this material, please contact our Inside Sales Department at:

**800-282-5322** or [info@usalco.com](mailto:info@usalco.com)