



Technical Data Sheet

USALCO® Acid Alum Aluminum Sulfate Solution, 7% Free Acid

USALCO® Aluminum Sulfate Solution (Acidified) is produced by dissolving alumina trihydrate in water and sulfuric acid. Only the finest raw materials and advanced manufacturing techniques are used to ensure the top-notch quality of this product. It conforms to the specifications outlined in the American Water Works Association Standard B403-16 and satisfies the criteria set forth in NSF/ANSI 60: Drinking Water Treatment Chemicals - Health Effects with a maximum dose of 150 mg/L.

PROPERTIES

Appearance:	Clear to amber or light green liquid.
Specific Gravity @60°F:	1.28 - 1.30
Product Weight:	10.65 - 10.85 Lbs/Gal
pH (neat):	0.2 - 1.0
Freezing Point	0° - 10°F

SPECIFICATIONS

% Al ₂ O ₃ :	5.8 - 6.2
%Acidity	6.8 - 8.0
Iron (Fe)	50 ppm max

PRINCIPAL USES

Drinking water – removal of suspended matter.
Wastewater treatment – coagulant / flocculent 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.

DELIVERY

Tank trucks and railcars.

PRODUCTION

USALCO has production facilities in:

- Monticello, MS

CUSTOMER SERVICE

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

800-282-5322 or **info@usalco.com**