USALCO® Aluminum Sulfate 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 USALCO Aluminum Sulfate is of the highest quality. USALCO Alum meets the specifications of the American Water Works Association Standard B403-16 and complies with the requirements of NSF/ANSI 60: Drinking Water Treatment Chemicals - Health Effects at a maximum dosage of 150 mg/L.

**PROPERTIES**
- **Appearance:** Clear to amber or light green liquid.
- **Specific Gravity @60°F:** 1.32 - 1.34
- **Product Weight:** 11.0 - 11.2 Lbs/Gal
- **pH (neat):** 2.0 - 2.4
- **Freezing Point:** 3° - 25°F

**SPECIFICATIONS**
- **% Al₂O₃:** 8.0 - 8.4
- **% Basicity:** 0 - 0.4
- **Total Soluble Iron (Fe₂O₃):** 50 ppm max

**PRINCIPAL USES**
- 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.
- Catalyst manufacturing
- 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:
- Baltimore, Maryland
- Fairfield Ohio
- Michigan City, Indiana
- Gahanna, Ohio
- Port Allen, Louisiana

**CUSTOMER SERVICE**
If you have any questions concerning this material, please contact our Inside Sales Department at:
410-918-2230 or info@usalco.com