USALCO Acid Alum
Aluminum Sulfate Solution, 7% Free Acid

USALCO Acid Alum 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 Acid Alum is of the highest quality. USALCO Acid 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: 1.28 - 1.30
Product Weight: 10.65 - 10.85 Lbs/Gal
pH (neat): 0.2 - 1.0
Freezing Point 0° - 10°F

SPECIFICATIONS
% Al₂O₃: 5.8 - 6.2
%Acidity 6.8 - 8.0
Iron (Fe) 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

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