USALCO 38 is an economical source of highly reactive alumina manufactured by dissolving alumina tri-hydrate (ATH) into sodium hydroxide and water. USALCO 38 is also stabilized to prevent alumina from precipitating. The use of only stringently selected raw materials and state-of-the-art manufacturing practices ensures that USALCO 38 is of the highest quality. USALCO 38 meets the specifications of the American Water Works Association Standard B405-16 and complies with the requirements of NSF/ANSI/CAN 60: Drinking Water Treatment Chemicals - Health Effects at a maximum dosage of 105 mg/L.

**PROPERTIES**
- Chemical Formula: Na₂Al₂O₄
- Appearance: Amber Liquid
- Specific Gravity @60°F: 1.46 - 1.49
- Product Weight: 12.18 - 12.43 Lbs./Gal
- pH (neat): 14
- pH (1% solution): >11.5
- Viscosity (cps): 155 @25C 80@45C

**SPECIFICATIONS**
- % Al₂O₃: 19.5 - 20.5
- % Na₂O: 17.9 - 19.1
- % Na₂Al₂O₄: 31.4 - 33.0
- Molar Ratio (Na₂O / Al₂O₃): 1.48 - 1.54
- Iron: 200 ppm, max
- Silica: 200 ppm, max

**PRINCIPAL USES**
- Catalyst, zeolite, molecular sieve manufacturing.
- Coating for titanium dioxide pigments.
- 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.

**DELIVERY**
- 275 gallon IBCs (totes), tank trucks and railcars

**PRODUCTION**
- USALCO has production facilities in:
  - Baltimore, Maryland
  - Fairfield, Ohio
  - Michigan City, Indiana
  - Ashtabula, 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