

## USALCO Potassium Aluminate 50% Solid Solution

Potassium Aluminate is an economical source of highly reactive alumina manufactured by dissolving alumina tri-hydrate into potassium hydroxide. USALCO potassium aluminate is a solution approximately 49.54% by weight. USALCO Potassium Aluminate is guaranteed to be free of settling or precipitation problems provided proper handling and storage precautions are followed. Observe caution when handling corrosive materials.

### PROPERTIES

Appearance: Clear or Amber Liquid  
Specific Gravity: 1.525 – 1.615  
Total Solids: 46.9 – 52.1

### SPECIFICATIONS

% Al<sub>2</sub>O<sub>3</sub>: 21.40 – 23.60  
% K<sub>2</sub>O: 25.5 – 28.50

### PRINCIPAL USES

Drinking water / wastewater treatment – removal of suspended matter and phosphorus

### SAFETY/HANDLING

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

### DELIVERY

55-gallon drums, 330-gallon totes, Bulk tank trucks, Railcars

Caustic alkali liquid, n.o.s., 8, UN1719, PG II (Potassium aluminate, solution)

### PRODUCTION

USALCO has production facilities in:

Fairfield, Ohio

### CUSTOMER SERVICE

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

**410-918-2230** or **info@usalco.com**