



# Technical Data Sheet

## DePAC® XG Aluminum Chlorohydrate Solution

DePAC XG, also known as Aluminum Chlorohydrate (ACH), is a high performance coagulant suited for both water and wastewater treatment. DePAC XG is the most concentrated soluble aluminum - based coagulant available and has the highest basicity. It is excellent at removing organic matter, reducing or eliminating the need for pH adjustment, and performs over a broad pH range. DePAC XG meets the specifications of the AWWA Standard B408-18 and complies with the requirements of NSF/ANSI/CAN 60: Drinking Water Treatment Chemicals – Health Effects at a maximum dosage of 250 mg/L.

### PROPERTIES

Appearance:	
Specific Gravity @60°F:	
Product Weight:	Color may vary
pH (neat):	1.33 ± 0.02
Freezing Point	~11.09 Lbs. /US Gallon
	3.2 ± 0.2
	22°F

### SPECIFICATIONS

% Al <sub>2</sub> O <sub>3</sub>	23.5 ± 0.5
% Al	12.5 ± 0.3
% Basicity	83.3 ± 0.8
% Chloride	8.2 ± 0.6

### PRINCIPAL USES

Drinking water – removal of suspended and dissolved matter such as organics. Wastewater treatment – coagulant / flocculent for the removal of suspended and dissolved 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 Catalyst Manufacturing - Sulfur Recovery Catalyst, Dessicants Purification, Hydrotreating (HDT), Hydrocracking (HCK), Fluid Catalytic Cracking (FCC), Reforming (REF), Isomerization (ISOM)

### SAFETY/HANDLING

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

### DELIVERY

275 gallon IBCs (totes), tank trucks and railcars

### PRODUCTION

USALCO has production facilities in:

- Modesto, California
- La Porte, Texas
- Bastrop, Louisiana
- Fairfield, Ohio
- Mentor, Ohio
- Orangeburg, South Carolina
- Baltimore, Maryland