



# Technical Data Sheet

## DeIPAC® 1842 Aluminum Chloride, Basic

The DeIPAC series includes DeIPAC 1842, a basic polyaluminum chloride formulation which has been proven to be very effective in drinking water treatment as well as the removal of phosphorus in both municipal and industrial wastewater applications. DeIPAC 1842 meets the specifications of the American Water Works Association Standard B408-18 and complies with the requirements of NSF/ANSI 60: Drinking Water Treatment Chemicals – Health Effects at a maximum dosage of 250 mg/L.

### PROPERTIES

Appearance:	Color may vary
Specific Gravity @60°F:	1.37 ± 0.03
Product Weight:	~11.3 Lbs. /US Gallon
pH (neat):	0.5 ± 0.4
Freezing Point	< 0°F

### SPECIFICATIONS

% Al <sub>2</sub> O <sub>3</sub>	17.0 ± 0.5
% Al	9.0 ± 0.3
% Basicity	42 ± 4
% Chloride	20 ± 2

### 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

275 gallon IBCs (totes), tank trucks and railcars

### PRODUCTION

USALCO has production facilities in:

- Baltimore, Maryland
- Fairfield, Ohio