



POLYALUMINUM CHLORIDE

DeIPAC® 1842



DeIPAC® 1842 is an advanced formulation of basic polyaluminum chloride that has demonstrated exceptional effectiveness in the treatment of drinking water and the elimination of phosphorus in municipal and industrial wastewater systems. It conforms to the specifications outlined in the American Water Works Association Standard B408-25 and meets the criteria established in NSF/ANSI 60: Drinking Water Treatment Chemicals - Health Effects with a maximum dose of 250 mg/L.

Specification	Value
ALUMINA, PERCENT Al_2O_3	17.0 ± 0.5
BASICITY, PERCENT	42 ± 4
AL, PERCENT	9.0 ± 0.3
CHLORIDES, PERCENT	20 ± 2
APPEARANCE	COLOR MAY VARY
SPECIFIC GRAVITY AT 60°F	1.37 ± 0.03

Properties	Value
PRODUCT WEIGHT	~11.3 LBS. PER GALLON
PH (NEAT)	0.5 ± 0.4
FREEZING POINT	< 0°F

Delivery Options ¹	Pounds	Gallons
RAIL	180,000	15,697
TANK TRUCK ²	45,000	3,924
IBC TOTE	3,125	273
DRUM	625	55

¹ Not all options are available at each production location

² Tank Truck capacities can vary depending on configuration

Principal uses

Drinking water / Wastewater treatment – removal of suspended and dissolved matter such as organics and phosphorus.

Safety/Handling

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

Production

With 27 manufacturing facilities across the United States, contact us for product availability.

The information presented herein is believed to be accurate and reliable but is given without guarantee or warranty, expressed or implied. The user should not assume that all safety measures are indicated or that other measures may not be required. The user is responsible for assuring that the product and equipment are used in a safe manner that complies with all appropriate legal standards and regulations.

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