

■ **PRODUCT DESCRIPTION SHEET** ■

POLY ALUMINIUM CHLORIDE(PAC)

Poly Aluminum Chloride is a polyvalent polymeric electrolyte coagulant of inorganic polymer. Poly-Aluminium Chloride(PAC) is a kind of innocuous, insipidness and easy dissolve in water with appearance of white or light yellow or yellow colour. Because of the bridging effect of chlorine ions and the polymerization of polyvalent ions, inorganic macromolecule water treatment agents with larger molecular weight and higher charge are formed.

PHYSICAL PROPERTIES

CAS No.	1327-41-9
Appearance	Clear or slightly opalescent, amber to light pale yellow colored liquid with little or no odour
Aluminium percent by mass	28
Chloride percent by mass	33
pH (5% aqueous solution)	2.4 – 4.5
Solubility in water	100% soluble

KEY BENEFITS

- Highly stable
- Low impurities
- Available in powder form
- Rapid and better floc formation as compared to alum
- Coagulate very effectively in low as well as high turbidity water

APPLICATIONS

- Water Treatment Industry
- Paper Industry
- Chemical Industry
- Textile Industry

STORAGE AND HANDLING

- Store in a cool, dry, well ventilated place and out of direct sunlight.
- Keep containers closed when not in use - check regularly for leaks.
- Avoid skin and eye contact and breathing in vapor, mists and aerosols.
- Store away from oxidizing agents and foodstuff
- Prevents severe overheating may produce hydrogen chloride gas.

PACKING

Supplied in 25Kg polybags.