

Grasim Industries Limited-Chemical Division

POLYALUMINIUM CHLORIDE - SAB18/KANPAC18

High Performance Coagulant for Waste Water Treatment

VIKRAM/KANPAC Polyaluminium chloride is aluminium based inorganic coagulant designed for clarification of wastewater & paper sizing. Unique product exceed the clarification performance of conventional chemical used for wastewater treatment. It produce denser solid which more suitable for better dewatering. PAC is stand alone for treatment as well in conjunction with flocculants for better results.

Features & benefits:

- Enhance the treatment and effluent quality
- Effective over conventional coagulants.
- Fast and dense flocs formation that easily dewaterable
- Wide range pH & generate less ionic load in treated effluent.
- Paper-Improve the brightness & strength, reduce scaling.
- Reduce brittleness of paper sheet.
- Reduce the TSS, COD, color and BOD in effluent water

Application & Usage:

- Paper Sizing (Alkaline & Neutral Sizing)
- Centralized Water Treatment
- Refining/Oil & Gas/Food/Mining
- Power/Textile/Tannery

Liquid product used stand-alone solution as well dilution as per requirement.

Powder used by making the solution. Solution of 10% & 18% Al_2O_3 content prepared by dissolving 1:2 & 1.5:1 ratio of powder to water respectively.

Certification:

NSF-ANSI 60 / REACH / HALAL

Product Properties:

Form	Liquid	Powder
Aluminium as Al_2O_3 , %, min	16.5	28
Chloride as Cl^- , %, max	23	36.0
SP GR @ 25 °C, min	1.35	-
Bulk Density, gm/ml, min	-	0.65
Basicity, %, min	35	35
pH @5% solution	2.0 – 4.0	2.5 – 4.5

Guideline Usage:

Product use and dosage will vary based on specific application. Please contact GRASIM for more detail and Technical Assistance

Packaging & Shipping:

Liquid - Bulk shipment in MSRL road tankers/ 250 kg HM-HDPE drums

Powder- 25 kg woven bags with double liner/ 750 kg jumbo bags.

Handling & Storage:

Avoid prolonged contact with skin. In case of skin or eye contact, flush exposed area with large amounts of water.

Stored in cool and dry place under shade to avoid direct sun light. Storage tank should be FRP, HDPE, acid proof tile-lined concrete tank & rubber lined MS tank. Bags/drum tightly closed when not in use.

For more information please refer safety data sheet. Available upon request.