



The Worldwide Resource...

THE BTTCO OVERSEAS

A GOVT. OF INDIA RECOGNIZED *STAR EXPORT HOUSE*
A D&B CERTIFIED COMPANY - DUNS NUMBER: 87-229-6440

Polyaluminium Chloride (PAC) Technical Data sheet

Polyaluminium Chloride is formulated by 100% inorganic compound. It offered unique alternative to conventional coagulant. It is premium product which useful for low alkalinity as well neutral pH raw water treatment without adding alkali aids. Quickly Neutralized anionic charged colloidal particle and provide pure drinking water.

Features & benefits:

- No alkali aid needed
- More effective, economical and eco-friendly over conventional coagulants such as Alum
- Fast and dense flocs formation that easily dewaterable
- Effective at wide range of turbidity & effectively worked in cold water
- Stable and generate less ionic load in treated water
- Low residual aluminum carry forward
- Lower solids generation

Application & Usage:

- Drinking Water Treatment
- Industrial Water Treatment

Liquid product used stand-alone as well doing dilution as per requirement

Powder used by making the solution. Solution of 10% & 18% Al₂O₃ content prepared by dissolving 1:2 and 1.5:1 ratio of powder to water respectively.

Product Properties:

Form	Liquid	Powder
Aluminium as Al ₂ O ₃ , % min	10.2	28
Chloride as Cl ⁻ , %, max	10.5	33
SP GR @ 25 °C, min	1.20	-
Bulk Density, gm/ml, min	-	0.65
Sulphate as SO ₄ ⁻² , %, max	2.5	10
Basicity, %, min	64	64
pH @ 5% solution	2.5-4.5	2.5-4.5

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 sunlight. Storage tank should be FRP, HDPE, acid proof tile-lined concrete tank & rubber lined MS tank. Bags/Drum tightly closed when not in use.