

## Overview

PolyAluminium Chloride (PAC) is commonly used in water treatment process. PAC is a good flocculating and coagulating agent and is commonly used when treating industrial water and is increasingly being used when treating drinking water. PAC reacts to form insoluble aluminium poly-hydroxides which precipitate to form flocs. The flocs attract suspended solid which can then easily be removed and separated from the solution.



## Applications

- **Good Flocculation/ Coagulation Agent**  
PAC coagulates suspended solid materials in the solution being treated thus facilitating easy removal of the unwanted solid materials.
- **Purifying Agent**  
PAC is increasingly being used to purify treated water for consumption.
- **Oil and water separator**  
In oil refining industry, PAC is used to separate oil and water.

## Product Options Available

We supply PAC in solid powder form and we have several grades of PAC with different concentration of  $Al_2O_3$ :



Grade	$Al_2O_3$ Content	Basicity	Water Insolubility	Colour
W	31-31.5	70-80	$\leq 0.2$	White
1	30-31	75-80	$\leq 0.2$	Bright Yellow
2A	30-30.5	70-75	$\leq 0.6$	Yellow
3	29.5-30	75-80	$\leq 0.6$	Brownish Yellow

## POLYALUMINIUM CHLORIDE

WATER TREATMENT SERIES

Chemical Formula:  $Al_2(OH)_n$

Other Name: PAC

CAS Code: 1327-41-9

HS Code: 28273200

## Packaging and Shipping

**Packaging:** 25 kg plastic-lined bag.

**Shipping:** PAC is not considered as dangerous goods and can be transported without special permit. We typically ship worldwide- except for countries which are being embargoed by EU or US.