



PAC-29E

Polyaluminium Chloride

CAS No.: 1327-41-9
Formula: $[Al_2(OH)_nCl_{6-n}]$

DESCRIPTION

PAC-29E is a cost-effective polyaluminium chloride supplied as a yellow, free-flowing powder. It is designed for general water and wastewater treatment applications, providing strong coagulation performance and efficient removal of suspended solids, turbidity, and colour.

KEY FEATURES

- High aluminium content for effective coagulation
- Higher basicity for strong floc formation
- Good performance in wastewater and industrial treatment systems
- Cost-effective solution for large-scale applications
- Stable and easy to dissolve in water

APPLICATIONS

- Municipal wastewater treatment
- Industrial wastewater treatment
- General water clarification
- Textile, dyeing, and paper industry water treatment
- Removal of suspended solids, turbidity, and colour

TYPICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Appearance	Yellow powder
Aluminium Oxide (Al_2O_3) Content, %	≥ 29.0
Basicity, %	45.0 – 90.0
Insoluble Matter, %	≤ 0.10
pH Value (10 g/L Aqueous Solution)	3.5 – 5.0
Iron (Fe) Content, %	≤ 0.20



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

Chemport Pty Ltd provides the information contained in this document in good faith based on the best knowledge available at the time of publication. While we believe the information to be accurate and reliable, it is intended for general guidance only and is provided without warranty of any kind, express or implied.

Users are solely responsible for determining the suitability of this product for their specific application and for ensuring compliance with all relevant regulations, industry standards, and intellectual property rights. The product must not be used in violation of any law, statute, or third-party rights.

Chemport Pty Ltd shall not be liable for any direct, indirect, or consequential loss or damage arising from the use of this product or reliance on the information provided in this document. Users should refer to the current Safety Data Sheet (SDS) and perform their own evaluations, including any necessary testing, to confirm the product's suitability for use in their particular conditions.

This document is subject to revision without notice as new data becomes available.

TECHNICAL SUPPORT
+61294103317
info@chemport.com.au

Level 9 Tower A
821 Pacific Highway
Chatswood NSW 2067
Australia
chemport.com.au

PACKAGING

- 25 kg bags
- 1000 kg bulk bags (FIBC)
- Bulk supply available upon request

STORAGE & HANDLING

Store in a cool, dry, well-ventilated area. Keep packaging tightly sealed to prevent moisture absorption and caking. Protect from humidity and direct exposure to water.

USAGE

- Dissolve to prepare a 10–20% solution before use
- Typical dosage: 10–50 ppm (depending on water quality)
- Conduct jar testing to determine optimal dosage
- Add PAC to water, not water to PAC

SAFETY

Refer to the Safety Data Sheet (SDS) for detailed safety, handling, and regulatory information. Use appropriate personal protective equipment when handling.