

Aluminum Chloride Hexahydrate

Hydrated aluminium chloride salt for water-treatment, textile and chemical processing.

CAS No. 7784-13-6	EC / List No. 231-208-1	Transport Non-dangerous goods
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Product Information

Hydrated aluminium chloride salt for water-treatment, textile and chemical processing.

Specifications

Parameter	Specification
Appearance	Light-yellow to white crystals
Assay	>95.0 %
Water solubility	Soluble
Density	2.39 g/cm ³
Thermal transition	Approximately 100; decomposition may occur °C

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	AlCl ₃ ·6H ₂ O
Molecular weight	241.43 g/mol

Applications

Water-treatment formulations: Hydrated aluminium salt for qualified coagulant systems.

Textile dyeing and processing: Aluminium salt for selected textile dyeing and processing systems.

Chemical processing feedstock: Hydrated salt for technically supervised chemical preparation and purification.

Packaging / Storage

Item	Information
Packing	25 kg / 50 kg drums or 1,000 kg big bags
Storage	Keep tightly closed in a cool, dry, ventilated area. Protect against moisture ingress and excessive heat; segregate from bases and incompatible alkaline materials.
Handling	Control crystal and powder dust with suitable ventilation. Wear chemical-resistant gloves, close-fitting goggles and protective clothing. Avoid inhalation, ingestion and direct contact; keep eyewash facilities available.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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