

Aluminium Sulphate

Aluminium salt coagulant for water treatment, paper and selected industrial processes.

CAS No. 10043-01-3	EC / List No. 233-135-0	Transport Non-dangerous goods
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Product Information

Aluminium salt coagulant for water treatment, paper and selected industrial processes.

Specifications

Parameter	Specification
Appearance	White granules or powder
Aluminium oxide, as Al ₂ O ₃	≥17.0 %
Iron	≤0.005 %
pH	≥3.0
Arsenic	≤0.0005 %
Lead	≤0.002 %
Water-insoluble matter	≤0.15 %

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

Typical Properties

Property	Typical Value
Molecular formula	Al ₂ (SO ₄) ₃
Molecular weight	342.15 g/mol

Applications

Water-treatment coagulation: Coagulant for qualified industrial water, wastewater and drinking-water treatment.

Paper sizing and wet-end processing: Aluminium salt for selected paper sizing and wet-end systems.

Industrial processing: Raw material for selected titanium dioxide and related industrial processes.

Packaging / Storage

Item	Information
Packing	50 kg / 1,000 kg bags
Storage	Keep tightly closed in a cool, dry, ventilated area with moisture protection. Separate from strong oxidizers and incompatible process chemicals. Protect bags from water ingress; use controlled dissolution in suitable equipment.
Handling	Control powder and granule dust during transfer. Wear suitable gloves, chemical splash goggles and protective clothing; add face protection where splashing is possible. Keep eyewash and washing facilities available and prevent all eye contact.

Company Contact

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