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TECHNICAL DATA SHEET
ALUMINIUM SULPHATE

Product Identification

Product Name : ALUMINIUM SULPHATE
Chemical Name : Aluminium Sulphate
Synonyms : Aluminum sulfate, Aluminium Sulphate
CAS No : 10043-01-3
Chemical Formula : Al2O12S3
Molecule Weight : 342.15 g/mol
HS Code : 28332290

Product Description

Aluminum Sulphate is a white to off-white crystalline solid or granule widely used as a coagulant in water and wastewater treatment. It is also used in paper manufacturing, textile processing, construction chemicals, fertilizers, leather processing, and various industrial applications.

Specifications

Parameter	Specification
Appearance	White
Appearance (Form)	Powder or Chunks
X-Ray Diffraction	Conforms to Structure
Complexometric EDTA	Typically, >15.0% Al
Purity	99.99% Based on Trace Metals Analysis
Trace Metal Analysis	<_ 150.0 ppm

Industrial Applications

- Municipal drinking water treatment
- Industrial wastewater treatment
- Paper and pulp manufacturing
- Textile dyeing and printing
- Leather tanning
- Fertilizer manufacturing
- Construction chemicals
- Pigment manufacturing
- Pharmaceutical intermediates (industrial grades where applicable)

Storage

- Store in a cool, dry, well-ventilated area.
- Protect from moisture.

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- Keep containers tightly closed.
- Store away from alkalis and incompatible chemicals.
- Avoid prolonged exposure to humid conditions.

Packing

- 25 kg/50 kg HDPE/PP woven bags with Inner Liner
- 1000 kg jumbo Bags

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