Summary Technical Data Sheet

Aluminium Sulfate

Product Name: Aluminium Sulfate

CAS: 10043-01-3

Formula: $Al_2(SO_4)_3$

Synonym: Aluminum sulfate

Aluminium sulphate

Appearance: white solid

Odor: odorless

Solubility in water: 36 g/100 mL (20 °C)

Product Specifications

Properties	Specifications
Al_2O_3	16.5 – 17.5 %
Insolubles	≤ 0.5 %

Aluminium sulfate is the most widely used aluminium coagulant in water treatment, purification of drinking water, wastewater treatment and paper production. When dissolved in water, the aluminum ions form positively charged hydroxides that neutralize the negatively charged particles, which causes flocculation and settling.

In the construction industry, Aluminium Sulfate is used as an accelerator in concrete and a waterproofing agent. It is also used in firefighting foams and as a fireproofing agent.

Storage and Handling: Keep containers tightly closed in a cool, dark, ventilated place.

Packaging: 44 lb/20 kg, 2200 lb/1000kg

Transport Regulations: Not regulated as dangerous goods (for reference only).

The above information, while not guaranteed, reflects our analysis and believed to be accurate. It is the end user's responsibility, prior to use of the above mentioned product to determine the suitability of the product. Aqua Bond shall not be, directly or indirectly responsible for damages of any nature whatsoever resulting from the use or reliance upon the above information.

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