

Product Information

Aluminium Sulfate Solid (>17%) (Non-Ferric Alum) 0-1 mm grade

Product Description:

Aluminium sulfate is a crystalline white solid that is water soluble. It has a variety of uses in many industries. It can be industrially produced from aluminium trihydrate and sulfuric acid.

Applications:

Aluminium sulfate is used in the construction industry as a waterproofing agent and as a major component of alkali free shotcrete accelerators. It is used as a coagulating agent in water purification and sewage treatment. It is used in the paper manufacturing industry for fixing colours, paper resin sizing and conditioning.

Chemical Formula:

$\text{Al}_2(\text{SO}_4)_3 \cdot 14\text{H}_2\text{O}$

CAS No. :

10043-01-3 (16828-12-9)

Specifications:

| Parameters (units) | Specifications |
|-------------------------------|----------------|
| Appearance | White Crystal |
| Granulation (mm) | 0 - 1 mm |
| Al_2O_3 (%) | ≥ 17.00 |
| Fe_2O_3 (%) | ≤ 0.02 |
| Water insoluble substance (%) | ≤ 0.3 |
| pH of a 1% solution | ≥ 3.50 |
| Arsenic (mg/kg Al) | ≤ 14 |
| Cadmium (mg/kg Al) | ≤ 3 |
| Chromium (mg/kg Al) | ≤ 30 |
| Mercury (mg/kg Al) | ≤ 4 |
| Nickel (mg/kg Al) | ≤ 20 |
| Lead (mg/kg Al) | ≤ 40 |
| Antimony (mg/kg Al) | ≤ 20 |
| Selenium (mg/kg Al) | ≤ 20 |

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Packaging:

Material is available in 25 kg bags. Further packaging options may be available upon enquiry.

Storage:

Product should be stored in a dry place in sealed, original packaging away from direct sunlight.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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