

TECHNICAL SHEET
Solid Aluminium SulfateCertified to
NSF/ANSI/CAN 60Date: 17/09/2024
FT-FAB-08 :2024
Révision : 0

Manufacturer:

SOCIETE TUNISIENNE DES PRODUITS DES PRODUITS ALUMINEUX
(STPA)
ZONE INDUSTRIELLE - 2040 RADES
TUNISIE TEL: 71 449 387/447 / 71 469 456 FAX: 71 449 036**1. Composition / Product Information:**

This product is used for the treatment of surface water, wastewater and paper manufacturing.

Substance Name: Solid Aluminium Sulphate
Chemical Formula: $Al_2(SO_4)_3 \cdot n H_2O$.
CAS No: 17927-65-0.**2. Purity Criteria :**

▶ Al_2O_3	≥	17,1 % by weight
▶ Insoluble	Max	23 g/kg of Al
▶ Iron (Fe)	Max	1,60 g/kg of Al
▶ Arsenic (As)	Max	14 mg/kg of Al
▶ Cadmium (Cd)	Max	3 mg/kg of Al
▶ Chromium (Cr)	Max	30 mg/kg of Al
▶ Mercury (Hg)	Max	4 mg/kg of Al
▶ Nickel (Ni)	Max	20 mg/kg of Al
▶ lead (Pb)	Max	40 mg/kg of Al
▶ Antimony (Sb)	Max	20 mg/kg of Al
▶ Selenium (Se)	Max	20 mg/kg of Al

The product complies with the specifications of the **EN878 (2016)** standard.**3. Physical and Chemical Properties:****Physical State:** Powder or Granule.
Color: White
Odor: Odorless
PH: 2,9 à 5 at 20 °C.
Water Solubility: Very soluble.
Bulk Density: 1,69 g/cm³.
Granulometry Classes:
▶ **Fine** 0-3 ou 0-6 mm
▶ **Granular** 1-3 ou 2-6 mm
▶ **Hazelnut** 6-35 mm

Other granulometry classes can be requested specially.

4. Packaging:▶ **Bags:** Sealed waterproof polypropylene bags of 25 kg and 50 kg.
▶ **Big Bags:** Big bags of 1000 kg to 1250 kg..**5. Storage Conditions:**

Solid Aluminium Sulphate should be stored away from moisture, heat, and light.

6. Main Users:

- ▶ Water treatment plants
- ▶ Wastewater treatment stations
- ▶ Paper manufacturers
- ▶ Wool processing artisans
- ▶ Tanneries

7. Important:

Aluminium Sulphate contains no substances harmful to human health and contains no radioactive materials.

NB1: The maximum use level for potable water 150mg/L.

NB2: Please refer to the safety data sheet.

NB3: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.