



Product Specification

Product Name: ALUMINIUM SULFATE 14-hydrate Granular TG

Alternate Name(s) Alum; aluminum trisulfate; cake alum; patent alum; aluminium sulfate
Description octadecahydrate.
Free flowing, white granules. Sweet taste.

Properties

Chemical Formula: $Al_2(SO_4)_3 \cdot 14H_2O$
Molecular Weight: 594.02

Product Code: AT038
CAS No. 17927-65-0

General Information:

Insoluble in alcohol. Incompatible with water, strong bases and strong oxidising agents. Corrosive to metals if in contact with moisture. Potential for accumulation upon ingestion. Non combustible.

Quality Specification

Assay: 16 - 17% (Al_2O_3)

Specific Properties and Impurities [Typical levels]:

Insoluble	< 0.1%
Arsenic	< 0.0005%
Chromium	< 0.0001%
Iron	< 0.022%
Lead	< 0.0001%
Mercury	< 0.0001%
Titanium	< 0.002%
Particle Size Distribution	85% less than 1 mm

Hazard and Safety Data

UN Group: III
Class: 8
UN Number: 3260
Hazchem code: 2X
CS MSDS Code: CBKP8SU8
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: 37

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