Product Data Sheet

(3N) 99.9% Aluminum Sulfate Octadecahydrate

Product Code: AL-SAT-03-P.18HYD

Formula: \( \text{Al}_2(\text{SO}_4)_3 \cdot 18\text{H}_2\text{O} \)

CAS No.: 7784-31-8

EC No.: 233-135-0

MDL: MFCD0014913

Chemical Identifiers

| Linear Formula | \( \text{Al}_2(\text{SO}_4)_3 \cdot 18\text{H}_2\text{O} \) |
| MDL Number     | MFCD0014913                                                  |
| EC No.         | 233-135-0                                                   |
| Beilstein Registry No. | N/A                                                        |
| Pubchem CID    | 22377415                                                    |

IUPAC Name: dialuminum trisulfate octadecahydrate

SMILES: 

InChI: InChI=1S/2Al.3H2O4S.18H2O/c;;3*1-5(2,3)4;;;;;;;;;;;;;;;;;;;;;/h;;3*(H2,1;?,2,3,4)18*1H2/q2*+?3;;;;;;;;;;;;;;;;;;;;;/p-6

InChI Key: AMVQJHFDJVOOB-UHFFFAOYSA-H

Total Metal Impurities: 0.1% max.

Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.
Documentation

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.