Product Data Sheet

(4N) 99.99% Aluminum Sulfate Octadecahydrate

Product Code: AL-SAT-04-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

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>Al₂(SO₄)₃•18H₂O</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD0014913</td>
</tr>
<tr>
<td>EC No.</td>
<td>233-135-0</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>22377415</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>dialuminum trisulfate octadecahydrate</td>
</tr>
<tr>
<td>Inchl Identifier</td>
<td>InChI=1S/2Al.3H2O4S.18H2O/c;;3<em>1-5(2,3)4…………………/h:3</em>(H2,1,:)2;3=O…………………/q-6</td>
</tr>
<tr>
<td>Inchl Key</td>
<td>AMVQJHFDJVOOB-UHFFFAOYSA-H</td>
</tr>
</tbody>
</table>

**Total Metal Impurities:** 0.01% 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.
A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.