Product Data Sheet

(3N5) 99.95% Ferric Subsulfate Solution
Product Code: FE-SSAT-035-SOL

Formula: Fe₄(OH)₂(SO₄)₅
CAS No.: 1310-45-8
EC No.: 215-179-2
MDL: N/A

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
<th>EC No.</th>
<th>Pubchem CID</th>
<th>IUPAC Name</th>
<th>SMILES</th>
<th>InChI Identifier</th>
<th>InChI Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fe₄(OH)₂(SO₄)₅</td>
<td>N/A</td>
<td>215-179-2</td>
<td>159372</td>
<td>iron(3+); dihydroxide; pentasulfate</td>
<td>[Fe+3].[Fe+3].[Fe+3].[Fe+3].[O-]<a href="=O">S(O)=O</a>[O-][O-][O-][O-]<a href="=O">O-</a>=O.[O-][OH-].[OH-].[O-][O-][O-][O-]<a href="=O">O-</a>=O.[O-][O-][O-][O-]<a href="=O">O-</a>=O</td>
<td>InChI=1S/4Fe.5H2O4S.2H2O/c;5<em>1-5(2,3,4);h;5</em>(H2,1,2,3,4);2*1H2/q4+3;/p-12</td>
<td>GDPKWKCLDUOTMP-UHFFFAOYSA-B</td>
</tr>
</tbody>
</table>

Total Metal Impurities: 0.05% 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.

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