Product Data Sheet

(4N) 99.99% Samarium Oxalate
Product Code: SM-OXL-04

Formula: Sm(C₂O₄)₃•10H₂O
CAS No.: 14175-03-2
EC No.: 221-844-8
MDL: MFCD00150489

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
<th>EC No.</th>
<th>Beilstein Registry 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>Sm(C₂O₄)₃•10H₂O</td>
<td>MFCD00150489</td>
<td>221-844-8</td>
<td>N/A</td>
<td>71432829</td>
<td>oxalate; samarium(3+); decahydrate</td>
<td>C(=O)(C(O)[O-])[O-].C(=O)(C(O)[O-])[O-].C(=O)(C(O)[O-])[O-].O.O.O.O.O.O.O.O.O.[Sm+3].[Sm+3]</td>
<td>InChI=1S/3C2H2O4.10H2O.2Sm/c3<em>3-1(4)2(5)6;;;;;;;;;;;;/h3</em>(H,3,4)(H,5,6);10<em>1H2;/q;;;;;;;;;;;;;2</em>+3/p-6</td>
<td>OWHJQQGNNKFZQL-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.
Documentation

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