Product Data Sheet

(2N) 99% Tris[N,N-bis(trimethylsilyl)amide]samarium(III)

Product Code: SCH-SM-02

**Formula:** Sm(N(Si(CH₃)₃)₂)₃  
**CAS No.:** 35789-01-6  
**EC No.:** N/A  
**MDL:** MFCD03427097

### 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(N(Si(CH₃)₃)₂)₃</td>
<td>MFCD03427097</td>
<td>N/A</td>
<td>N/A</td>
<td>3707216</td>
<td>bis(trimethylsilyl)azanide; samarium(3+)</td>
<td>C<a href="C">Si</a>(C)N([Sm][N(<a href="C">Si</a>(C)C)<a href="C">Si</a>(C)C]<a href="C">Si</a>(C)C[N(<a href="C">Si</a>(C)C)<a href="C">Si</a>(C)C)<a href="C">Si</a>(C)C)<a href="C">Si</a>(C)C)<a href="C">Si</a>(C)C)</td>
<td>InChI=1S/3C6H18NSi2.Sm/c3<em>1-8(2,3)7-9(4,5)6;/h3</em>1-6H3;/q3*-1;+3</td>
<td>MUFPZLRACJKLCI-UHFFFAOYSA-N</td>
</tr>
</tbody>
</table>

**Total Metal Impurities:** 1.0% 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.