Product Data Sheet

(4N) 99.99% Barium Stannate
Product Code: BA-STANAT-04

Formula: $\text{BaSnO}_3$
CAS No.: 12009-18-6
EC No.: 234-545-2
MDL: MFCD00014187

Chemical Identifiers

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Linear Formula</td>
<td>$\text{BaSnO}_3$</td>
</tr>
<tr>
<td>MDL Number</td>
<td>MFCD00014187</td>
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<tr>
<td>EC No.</td>
<td>234-545-2</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
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<tr>
<td>Pubchem CID</td>
<td>165950</td>
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<tr>
<td>IUPAC Name</td>
<td>barium(2+); oxygen(2-); tin(4+)</td>
</tr>
<tr>
<td>SMILES</td>
<td>$[\text{Ba}^{+2}]=[\text{Sn}^{+4}][\text{O}^{-2}]_3$</td>
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<tr>
<td>InchI Identifier</td>
<td>InChI=1S/Ba.O3.Sn/q+2;3*-2;+4</td>
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<tr>
<td>InchI Key</td>
<td>HERMVCOJYLNRNMO-JUHFFAOYSA-N</td>
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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.