Product Data Sheet

(5N) 99.999% Molybdenum Disilicide Heating Elements

Product Code: MO-SID-05-HE

Formula: MoSi₂
CAS No.: 12136-78-6
EC No.: 235-231-8
MDL: MFCD00151535

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MoSi₂</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00151535</td>
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<tr>
<td>EC No.</td>
<td>235-231-8</td>
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<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>6336985</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>bis(λ₂-silanylidene) molybdenum</td>
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<tr>
<td>SMILES</td>
<td>[Si]=[Mo]=[Si]</td>
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<tr>
<td>Inchl Identifier</td>
<td>InChI=1S/Mo.2Si</td>
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<tr>
<td>Inchl Key</td>
<td>YXTPWUNVHCYOSP-UHFFFAOYSA-N</td>
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</tbody>
</table>

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.