Product Data Sheet

(4N) 99.99% Boron Carbide Powder

Product Code: BO-C-04-P

Formula: B₄C
CAS No.: 12069-32-8
EC No.: 235-111-5
MDL: MFCD00011520

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>B₄C</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00011520</td>
</tr>
<tr>
<td>EC No.</td>
<td>235-111-5</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>123279</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>N/A</td>
</tr>
<tr>
<td>SMILES</td>
<td>B12B3B4B1C234</td>
</tr>
<tr>
<td>Inchl Identifier</td>
<td>InChI=1S/CB4/c2-1-3(2)5(1)4(1)2</td>
</tr>
<tr>
<td>Inchl Key</td>
<td>INAHAJYZKVIDIZ-UHFFFAOYSA-N</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.
A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.