Product Data Sheet
Silicon Carbide Nanoparticle Dispersion
Product Code: SI-C-01-NPD

Formula: SiC  
CAS No.: 409-21-2  
EC No.: 206-991-8  
MDL: MFCD00049531

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>SiC</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00049531</td>
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<tr>
<td>EC No.</td>
<td>206-991-8</td>
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<td>Beilstein Registry No.</td>
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<td>Pubchem CID</td>
<td>134973805</td>
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<tr>
<td>IUPAC Name</td>
<td>methanidylidynesilicon</td>
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<td>SMILES</td>
<td>[C-]#[Si+]</td>
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<td>InchI Identifier</td>
<td>1\VC\Si\vc1-2</td>
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<tr>
<td>InchI Key</td>
<td>HBMJWWWQQXIZIP-UHFFFAOYSA-N</td>
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Total Metal Impurities: Variable or N/A

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.