Product Data Sheet

(5N) 99.999% Germanium Telluride Powder

Product Code: GE-TE-05-P

Formula: GeTe
CAS No.: 12025-39-7
EC No.: 234-706-7
MDL: MFCD00135541

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>GeTe</th>
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</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00135541</td>
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<tr>
<td>EC No.</td>
<td>234-706-7</td>
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<tr>
<td>Beilstein Registry No.</td>
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<td>Pubchem CID</td>
<td>16213264 / 6336549</td>
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<td>IUPAC Name</td>
<td>tellanylidenegermanium</td>
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<td>SMILES</td>
<td>[Ge]=[Te]</td>
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<td>InChI Identifier</td>
<td>InChI=1S/GeTe/c1-2</td>
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<tr>
<td>InChI Key</td>
<td>JBQYATWDVHIOAR-UHFFFAOYSA-N</td>
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Total Metal Impurities: 0.001% 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.