Product Data Sheet

(4N) 99.99% Palladium Nanoparticles
Product Code: PD-M-04-NP

Formula: Pd
CAS No.: 7440-05-3
EC No.: 231-115-6
MDL: MFCD00011167

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>Pd</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00011167</td>
</tr>
<tr>
<td>EC No.</td>
<td>231-115-6</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>23938</td>
</tr>
<tr>
<td>SMILES</td>
<td>[Pd]</td>
</tr>
<tr>
<td>InChI Identifier</td>
<td>InChI=1S/Pd</td>
</tr>
<tr>
<td>InChI Key</td>
<td>KDLHZDBZIXYQE1-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.

Documentation

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.