Product Data Sheet

(4N) 99.99% Gadolinium Nanoparticles
Product Code: GD-M-04-NP

Formula: Gd
CAS No.: 7440-54-2
EC No.: 231-162-2
MDL: MFCD00011022

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>Gd</th>
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<tbody>
<tr>
<td>MDL Number</td>
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<td>Pubchem CID</td>
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<td>IUPAC Name</td>
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<td>SMILES</td>
<td>[Gd]</td>
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<td>InChI Identifier</td>
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<td>InChI Key</td>
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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.