Product Data Sheet
(5N) 99.999% Neodymium Carbonate
Product Code: ND-CB-05

Formula: \( \text{Nd}_2(\text{CO}_3)_3 \)
CAS No.: 5895-46-5
EC No.: 227-579-4
MDL: MFCD00150426

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>Nd(_2)(CO(_3))(_3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00150426</td>
</tr>
<tr>
<td>EC No.</td>
<td>227-579-4</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>217202</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>neodymium(3+) tricarbonate</td>
</tr>
<tr>
<td>SMILES</td>
<td>[Nd+3].[Nd+3].O=C([O-])[O-].[O-]C([O-])[O-]O.[O-]C([O-])=O</td>
</tr>
<tr>
<td>InChI Identifier</td>
<td>InChI=1S/3CH2O3.2Nd/c3<em>2-1(3)4;/h3</em>(H2,2,3,4);/q;;;2*+3/p-6</td>
</tr>
<tr>
<td>InChI Key</td>
<td>UTWHRPIUNFLOBE-UHFFFAOYSA-H</td>
</tr>
</tbody>
</table>

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.