(2N) 99% Lead Magnesium Niobate Powder
Product Code: PB-MGNB-02-P

Formula: \((\text{PbO})_3(\text{MgO})(\text{Nb}_2\text{O}_5)\)
CAS No.: N/A
EC No.: N/A
MDL: N/A

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>((\text{PbO})_3(\text{MgO})(\text{Nb}_2\text{O}_5))</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>N/A</td>
</tr>
<tr>
<td>EC No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>16218254</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>oxolead; oxomagnesium; 2,4,5-trioxa-1(\lambda)5,3(\lambda)5-diniobabicyclo[1.1.1]pentane 1,3-dioxide</td>
</tr>
<tr>
<td>SMILES</td>
<td>(\text{O}=[\text{Mg}].\text{O}=[\text{Nb}]12\text{O}[\text{Nb}]1(=\text{O})(\text{O}1)\text{O}2.\text{O}=[\text{Pb}].\text{O}=[\text{Pb}].\text{O}=[\text{Pb}])</td>
</tr>
<tr>
<td>Inchl Identifier</td>
<td>InChI=1S/Mg.2Nb.9O.3Pb</td>
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<tr>
<td>Inchl Key</td>
<td>ZBSCQXBYNSKPV-UHFFFAOYSA-N</td>
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</tbody>
</table>

Total Metal Impurities: 1.0% 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.