Product Data Sheet

(2N) 99% Lithium Manganese Oxide
Product Code: LIMN-OX-02

Formula: LiMn$_2$O$_4$
CAS No.: 12057-17-9
EC No.: N/A
MDL: MFCD01114233

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>LiMn$_2$O$_4$</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD01114233</td>
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<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>23696272</td>
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<tr>
<td>IUPAC Name</td>
<td>lithium; oxido-oxo-(oxomanganiooxy) manganese</td>
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<tr>
<td>SMILES</td>
<td>[Li+],[O-]<a href="=O">Mn</a>O[Mn]=O</td>
</tr>
<tr>
<td>InchI Identifier</td>
<td>InChI=1S/Li.2Mn.4O/q+1;;;;;;-1</td>
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<tr>
<td>InchI Key</td>
<td>VLXXBCXTVURROQ-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.
A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.