Product Data Sheet
(4N) 99.99% Nickel Bis(2,2,6,6-tetramethyl-3,5-heptanedionate)
Product Code: NI-TMHD2-04

Formula: Ni(OCC(CH₃)₃CHCOC(CH₃)₃)₂
CAS No.: 14481-08-4
EC No.: N/A
MDL: MFCD00192348

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>Ni(OCC(CH₃)₃CHCOC(CH₃)₃)₂</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00192348</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>6432429</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>nickel(2+); (Z)-2,2,6,6-tetramethyl-5-oxohept-3-en-3-olate</td>
</tr>
<tr>
<td>SMILES</td>
<td>[Ni+2].[O-]:C(=C(=O)C(C)(C)C)(C)C(=O)[C(=C(=O)C(C)(C)C)(C)C(=O)C]C</td>
</tr>
<tr>
<td>InChI Identifier</td>
<td>InChI=1S/2C11H20O2.Ni/c2<em>1-10(2,3)8(12)7-9(13)11(4,5)6/h2</em>7,12H,1-6H3/q;+2/p-2/b2*8-7-;</td>
</tr>
<tr>
<td>InChI Key</td>
<td>PIIJAZNTPALBJL-ATMONBRVSA-L</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.