**Product Data Sheet**

**(4N) 99.99% N,N'-Bis(salicylidene)ethylenediaminonickel(II)**

**Product Code: NI-OMX-04-P**

**Formula:** \([-\text{CH}_2\text{N=CHC}_6\text{H}_4\text{-2-(O-)}]_2\text{Ni}\)

**CAS No.:** 14167-20-5  
**EC No.:** 624-036-7  
**MDL:** MFCD00012041

### Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
<th>EC No.</th>
<th>Pubchem CID</th>
<th>IUPAC Name</th>
<th>SMILES</th>
<th>InChI Identifier</th>
<th>InChI Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>([-\text{CH}_2\text{N=CHC}_6\text{H}_4\text{-2-(O-)}]_2\text{Ni})</td>
<td>MFCD00012041</td>
<td>624-036-7</td>
<td>482297</td>
<td>nickel(2+); 2-[2-[2-oxidophenyl]methylideneamino]ethyliminomethyl]phenolate</td>
<td>C1=CC=CC=C[C(=C1)C=NCCN=CC2=CC=CC=C2[O-][O-].[Ni+2]</td>
<td>InChI=1S/C16H16N2O2.Ni/c19-15-7-3-1-5-13(15)11-17-9-10-18-12-14-6-2-4-8-16(14)20/h1-8,11-12,19-20H,9-10H2/q+2/p-2</td>
<td>DKBSGGJSJQXGHBV-UHFFFAOYSA-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.