Product Data Sheet

(5N) 99.999% Bis(triphenylphosphine)nickel(II) dichloride

Product Code: NI-OMX-05

Formula: $\left(\text{C}_6\text{H}_5\right)_3\text{P}_2\text{NiCl}_2$
CAS No.: 14264-16-5
EC No.: 238-154-8
MDL: MFCD00009592

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>$\left(\text{C}_6\text{H}_5\right)_3\text{P}_2\text{NiCl}_2$</td>
<td>MFCD00009592</td>
<td>238-154-8</td>
<td>498315</td>
<td>dichloronickel; triphenylphosphane</td>
<td>$\text{[Cl-].[Cl-].[Ni++]}.c1\text{ccc(cc1).P(c1cccoc1).c1cccoc1.}\text{c1ccc(cc1).P(c1cccoc1).c1cccoc1}$</td>
<td>InChI=1S/2C18H15P.2ClH.Ni/c2<em>1-4-10-16(11-5-1)19(17-12-6-2-7-13-17)18-14-8-3-9-15-18;;/h2</em>1-15H2*1H/q;;+2/p-2</td>
<td>InChIKey=ZBRJXVVKBPZAN-UHFFFAOYSA-L</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

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