Product Data Sheet

(4N) 99.99% Bis(triphenylphosphine)ruthenium(II) Dicarbonyl Chloride
Product Code: RU-OMX-04

Formula: \([\text{C}_6\text{H}_5\text{P}]_2\text{Ru(CO)}_2\text{Cl}_2\)
CAS No.: 14564-35-3
EC No.: 238-605-9
MDL: MFCD00009594

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
<th>EC No.</th>
<th>Beilstein Registry 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{C}_6\text{H}_5\text{P}]_2\text{Ru(CO)}_2\text{Cl}_2)</td>
<td>MFCD00009594</td>
<td>238-605-9</td>
<td>N/A</td>
<td>16211313</td>
<td>carbonmonoxide; dichlororuthenium; triphenylphosphanium</td>
<td>([\text{Ru}^{+2}].[\text{Cl}^{-}].[\text{Cl}^{-}].[\text{O}^{-}]#[\text{C}^{-}].[\text{O}^{-}]#[\text{C}^{-}].\text{c3c(P(c1ccccccc1)c2ccc3ccc3)cccc3.c1ccccc1P(c2ccccc2)c3ccccc3}</td>
<td>InChI=1S/2C18H15P.2CO.2ClH.Ru/c2<em>1-4-10-16(11-5-1)19(17-12-6-2-7-13-17)18-14-8-3-9-15-18:2</em>1:2.;::/h2<em>1-15H.:2</em>1H/q.;::;+2/p-2</td>
<td>PXURRFCLQDNZOY-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.
A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.