Product Data Sheet

(2N) 99% Carbonylchlorobis(triphenylphosphine)iridium(I)

Product Code: IR-OMX-02

**Formula:** IrCl(CO)(P(C₆H₅)₃)₂
**CAS No.:** 14871-41-1
**EC No.:** 238-941-6
**MDL:** MFCD00009590

### Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MLD Number</th>
<th>EC No.</th>
<th>Pubchem CID</th>
<th>IUPAC Name</th>
<th>SMILES</th>
<th>Inchl Identifier</th>
<th>Inchl Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>IrCl(CO)(P(C₆H₅)₃)₂</td>
<td>MFCD00009590</td>
<td>238-941-6</td>
<td>84678</td>
<td>carbon monoxide; iridium; triphenylphosphane; chloride</td>
<td>[C-]#(O+).C1=CC=C(C=C1)P(C2=CC=CC=C2)C3=CC=CC=C3.C1=CC=C(C=C1)P(C2=CC=CC=C2)C3=CC=CC=C3.[Cl-].[Ir]</td>
<td>InChI=1S/2C18H15P.CO.ClH.Ir/c2<em>1-4-10-16(11-5-1)19(17-12-6-2-7-13-17)18-14-8-3-9-15-18;1-2;;/h2</em>1-15H;1H;/p-1</td>
<td>VSPLSJCNZPDHCN-UHFFFAOYSA-M</td>
</tr>
</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.

### Documentation

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 is supplied with every shipment.

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