Product Data Sheet

(3N) 99.9% (Acetonitrile)trichlorobis(triphenylphosphine)rhenium(III)
Product Code: RE-OMX-03.375

Formula: \[ [(\text{C}_6\text{H}_5)_3\text{P}]_2\text{Re(CH}_3\text{CN)Cl}_3 \]
CAS No.: 34387-57-0
EC No.: N/A
MDL: MFCD01863511

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>
</tr>
</thead>
<tbody>
<tr>
<td>[ [(\text{C}_6\text{H}_5)_3\text{P}]_2\text{Re(CH}_3\text{CN)Cl}_3 ]</td>
<td>MFCD01863511</td>
<td>N/A</td>
<td>N/A</td>
<td>15844585</td>
</tr>
</tbody>
</table>

IUPAC Name:
acetonitrile; trichlororhenium; triphenylphosphane

SMILES:
CC#N.C1=CC=C(C=C1)P(C2=CC=CC=C2)C3=CC=CC=CC=CC=CC=C3.C1=CC=CC=CC=CC=CC=CC=C3.Cl[Re](Cl)Cl

InChI Identifier:
InChI=1S/2\text{C}_1\text{H}_\text{N}.3\text{ClH}_\text{Re/c2*1-4-10-16(11-5-1)19(17-12-6-2-7-13-17)18-14-8-3-9-15-18;1-2-3;::h2*1-15H;1\text{H}3;3*1H;/q;;;;;;+3/p-3

InChI Key:
SEHZOVVCPGBXNW-UHFFFAOYSA-K

Total Metal Impurities: 0.1% 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.