Product Data Sheet

(2N5) 99.5% Dichloro(1,5-cyclooctadiene)ruthenium(II)

Product Code: RU-OMX5-025

**Formula:** \([\text{RuCl}_2(\text{C}_8\text{H}_{12})]_n\)

**CAS No.:** 50982-13-3

**EC No.:** N/A

**MDL:** MFCD00171304

**Chemical Identifiers**

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>([\text{RuCl}_2(\text{C}<em>8\text{H}</em>{12})]_n)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00171304</td>
</tr>
<tr>
<td>EC No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>11000435</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>(1Z,5Z)-cycloocta-1,5-diene; dichlororuthenium</td>
</tr>
<tr>
<td>SMILES</td>
<td>([\text{Cl}^-].[\text{Ru}^{2+}].[\text{Cl}^-].\text{C}_1=\text{C}:\text{C}==\text{C}==\text{C})</td>
</tr>
<tr>
<td>InChI Identifier</td>
<td>InChI=1S/C8H12.2ClH.Ru/c1-2-4-6-8-7-5-3-1;/h1-2,7-8H,3-6H2;2*:1H;/q;+2/p-2/b2-1-,8-7-;;</td>
</tr>
<tr>
<td>InChI Key</td>
<td>DMRVBCXRFYZCPR-PHFPKIQSA-L</td>
</tr>
</tbody>
</table>

**Total Metal Impurities:** 0.5% 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.