Product Data Sheet

(3N) 99.9% Ruthenium Nitrate

Product Code: RU-NAT-03

Formula: Ru(NO)(NO$_3$)$_3$

CAS No.: 34513-98-9

EC No.: N/A

MDL: MFCD00016313

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>Ru(NO)(NO$_3$)$_3$</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00016313</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>16212391</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>Ruthenium(3+) trinitrate</td>
</tr>
<tr>
<td>SMILES</td>
<td>[Ru+2].[O-][N+][O-]=O.[O-][N+][O-]=O</td>
</tr>
<tr>
<td>InchI Identifier</td>
<td>InChI=1S/2NO3.Ru/c2<em>2-1(3)4;/q2</em>-1:+2</td>
</tr>
<tr>
<td>InchI Key</td>
<td>QNAOTDIPTCVNIM-UHFFFAOYSA-N</td>
</tr>
</tbody>
</table>

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.