Product Data Sheet

(3N) 99.9% Indium(III) Perchlorate Hydrate
Product Code: IN-PCL-03-C.XHYD

Formula: $\text{In(ClO}_4\text{)}_3 \cdot x\text{H}_2\text{O}$
CAS No.: 314041-16-2
EC No.: 236-874-7
MDL: MFCD00197999

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>$\text{In(ClO}_4\text{)}_3 \cdot x\text{H}_2\text{O}$</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00197999</td>
</tr>
<tr>
<td>EC No.</td>
<td>236-874-7</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>57377123</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>indium(3+); triperchlorate; hydrate</td>
</tr>
<tr>
<td>SMILES</td>
<td>$\text{O=Cl(=O)(=O )O[In](OCl(=O )(=O)=O)OCl( =O)(=O)=O.O}$</td>
</tr>
<tr>
<td>Inchl Identifier</td>
<td>InChI=1S/3ClHO4.In.H2O/c3<em>2-1(3,4)5;;/h3</em>(H,2,3,4,5);1H2/q;;+3;;p-3</td>
</tr>
<tr>
<td>Inchl Key</td>
<td>BSUPSQJCOOBRFF-UHFFFAOYSA-K</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.

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