Product Data Sheet
(3N) 99.9% Holmium Carbonate
Product Code: HO-CB-03

Formula: Ho₂(CO₃)₃ ⋅ xH₂O
CAS No.: 38245-34-0
EC No.: 227-584-1
MDL: N/A

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>Ho₂(CO₃)₃ ⋅ xH₂O</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>N/A</td>
</tr>
<tr>
<td>EC No.</td>
<td>227-584-1</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>165373</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>holmium(3+) tricarbonate</td>
</tr>
<tr>
<td>SMILES</td>
<td>C(=O)([O-])[O-].O.[Ho+3]</td>
</tr>
<tr>
<td>InChI Identifier</td>
<td>InChI=1S/CH2O3.Ho.H2O/c2-1(3)4;(\text{hH2,2,3,4;}(\text{1H2;q:+3;}))/p-2</td>
</tr>
<tr>
<td>InChI Key</td>
<td>BLZTXMQWOCVSAJ-UHFFFAOYSA-L</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.