Product Data Sheet

(3N) 99.9% Mercury(II) Tetrathiocyanatocobaltate(II)

Product Code: HG2-CYCO4-03

Formula: \( \text{HgCo(SCN)}_4 \)
CAS No.: 27685-51-4
EC No.: 248-602-4
MDL: MFCD00011048

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>HgCo(SCN)_4</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00011048</td>
</tr>
<tr>
<td>EC No.</td>
<td>248-602-4</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>161577</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>cobalt(2+); mercury(2+); tetrathiocyanate</td>
</tr>
<tr>
<td>SMILES</td>
<td>C(#N)[S-].C(#N)[S-].C(#N)[S-].C(#N)[S-].[Co+2].[Hg+2]</td>
</tr>
<tr>
<td>InchI Identifier</td>
<td>InChI=1S/4CHNS.Co.Hg/c4*2-1-3;(\text{H}_4\text{O}).<em>3H;(\text{H}_2);/q;...;2</em>+2/p-4</td>
</tr>
<tr>
<td>InchI Key</td>
<td>CKGHPFRRZBSWMC-UHFFFAOYSA-J</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 14982 are supplied with every shipment.

AMERICAN ELEMENTS | 10884 WEYBURN AVE. | LOS ANGELES, CALIFORNIA 90024
TEL. 310-208-0551 | FAX 310-208-0351 | customerservice@americanelements.com