Product Data Sheet

(5N) 99.999% Dibromo(1,10-phenanthroline)copper(II)

Product Code: CU-OMX-05

Formula: C_{12}H_{10}Br_{2}CuN_{2}
CAS No.: 19319-86-9
EC No.: N/A
MDL: MFCD00191993

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
<th>EC No.</th>
<th>Pubchem CID</th>
<th>IUPAC Name</th>
<th>SMILES</th>
<th>InChI Identifier</th>
<th>InChI Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>C_{12}H_{10}Br_{2}CuN_{2}</td>
<td>MFCD00191993</td>
<td>N/A</td>
<td>4385064</td>
<td>dibromocopper; 1,10-phenanthroline</td>
<td>C1=CC2=C(C=CC=C(N3)C=C2)N=C1.<a href="Br">Cu</a>Br</td>
<td>InChI=1S/C12H8N2.2BrH.Cu/c1-3-9-5-6-10-4-2-8-14-12(10)11(9)13-7-1;;/h1-8H;2*1H;/q;;+2/p-2</td>
<td>CJUHWXSVTMY-UHFFFAOYSA-L</td>
</tr>
</tbody>
</table>

Total Metal Impurities: 0.001% 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.