Product Data Sheet

(2N) 99% Cobalt(II) Phthalocyanine

Product Code: CO-PCIN-02

**Formula:** C$_{32}$H$_{16}$CoN$_8$

**CAS No.:** 3317-67-7

**EC No.:** 222-012-7

**MDL:** MFCD00010718

**Chemical Identifiers**

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>MDL Number</th>
<th>Pubchem CID</th>
<th>IUPAC Name</th>
<th>SMILES</th>
</tr>
</thead>
<tbody>
<tr>
<td>C$<em>{32}$H$</em>{16}$CoN$_8$</td>
<td>MFCD00010718</td>
<td>222-012-7</td>
<td>4121847</td>
<td>76829</td>
<td>N/A</td>
<td>C1=CC=C2(C(C(N=C)(C[N-])(C[N-]))N=C6C7=CC=CC=C7C(=N6)N=C8C9=CC=CC=C9C(=N8)N=C2[N-][Co+2]</td>
</tr>
</tbody>
</table>

**Total Metal Impurities:** 1.0% 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.