Product Data Sheet

ZnO Quantum Dot - 580 nm
Product Code: ZN-OX-01-QD.580E

Formula: ZnO
CAS No.: 1314-13-2
EC No.: 215-222-5
MDL: MFCD00011300

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>ZnO</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00011300</td>
</tr>
<tr>
<td>EC No.</td>
<td>215-222-5</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
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<tr>
<td>Pubchem CID</td>
<td>14806</td>
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<tr>
<td>IUPAC Name</td>
<td>Oxozinc</td>
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<td>SMILES</td>
<td>O=[Zn]</td>
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<tr>
<td>InChI Identifier</td>
<td>InChI=1S/O.Zn</td>
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<tr>
<td>InChI Key</td>
<td>XLOMVQKBTHTCTTD-UHFFFAOYS-N</td>
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</tbody>
</table>

Total Metal Impurities: Variable or N/A

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.
A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.