Product Data Sheet

98.5% Copper Ferrite (Copper Iron Oxide)
Product Code: CU-FEO-0185-P

Formula: \( \text{CuFe}_2\text{O}_4 \)
CAS No.: 12018-79-0
EC No.: N/A
MDL: MFCD00016056

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>CuFe_2O_4</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00016056</td>
</tr>
<tr>
<td>EC No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>16217788</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>copper; oxido(oxo)iron</td>
</tr>
<tr>
<td>SMILES</td>
<td>([\text{Cu}^{+2}].[\text{O}^\text{-}][\text{Fe}]=\text{O}.[\text{O}^\text{-}][\text{Fe}]=\text{O})</td>
</tr>
<tr>
<td>InchI Identifier</td>
<td>InChI=1S/Cu.2Fe.4O/q+2;;;;;2*-1</td>
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<tr>
<td>InchI Key</td>
<td>DXKGMXNZSJMWAFT-UHFFFAOYSA-N</td>
</tr>
</tbody>
</table>

Total Metal Impurities: 2.0% 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.