Product Data Sheet

(5N) 99.999% Manganese Ferrite Powder
Product Code: MN-FEIT-05-P

Formula: MnFe₂O₄
CAS No.: 12063-10-4
EC No.: N/A
MDL: N/A

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MnFe₂O₄</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>N/A</td>
</tr>
<tr>
<td>EC No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>19601213</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>iron(3+); manganese(2+); oxygen(2-)</td>
</tr>
<tr>
<td>SMILES</td>
<td>[O-2],[O-2],[O-2],[O-2],[Mn+2],[Fe+3],[Fe+3]</td>
</tr>
<tr>
<td>InChI Identifier</td>
<td>InChI=1S/2Fe.Mn.4O/q2*+3;+2;4*-2</td>
</tr>
<tr>
<td>InChI Key</td>
<td>CUSDLVIPMHDAFT-UHFFFAOYSA-N</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.

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