Product Data Sheet

(2N) 99% Barium Iron Oxide Nanoparticles
Product Code: BA-FEO-02-NP

Formula: \( \text{BaFe}_{12}\text{O}_{19} \)
CAS No.: 12047-11-9
EC No.: 234-974-5
MDL: MFCD00075637

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>
</tr>
</thead>
<tbody>
<tr>
<td>( \text{BaFe}<em>{12}\text{O}</em>{19} )</td>
<td>MFCD00075637</td>
<td>234-974-5</td>
<td>24852871</td>
<td>oxobarium; oso (oxoferriooxy) iron</td>
<td></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.