Product Data Sheet
(5N) 99.999% Iron Particles
Product Code: FE-M-05-PTCS

Formula: Fe
CAS No.: 7439-89-6
EC No.: 231-096-4
MDL: MFCD00010999

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>Fe</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00010999</td>
</tr>
<tr>
<td>EC No.</td>
<td>231-096-4</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>23925</td>
</tr>
<tr>
<td>SMILES</td>
<td>[Fe]</td>
</tr>
<tr>
<td>InChI Identifier</td>
<td>InChI=1S/Fe</td>
</tr>
<tr>
<td>InChI Key</td>
<td>XEEYBQQBJWHFJM-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.

AMERICAN ELEMENTS | 10884 WEYBURN AVE. | LOS ANGELES, CALIFORNIA 90024
TEL. 310-208-0551 | FAX 310-208-0351 | customerservice@americanelements.com