Product Data Sheet
(5N) 99.999% Chromium(III) Oxide
Product Code: CR3-OX-05

Formula: \( \text{Cr}_2\text{O}_3 \)
CAS No.: 1308-38-9
EC No.: 215-160-9
MDL: MFCD00010949

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>( \text{Cr}_2\text{O}_3 )</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00010949</td>
</tr>
<tr>
<td>EC No.</td>
<td>215-160-9</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>517277</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>oxo-(oxochromiooxy) chromium</td>
</tr>
<tr>
<td>SMILES</td>
<td>( O=[\text{Cr}]O[\text{Cr}]=O )</td>
</tr>
<tr>
<td>InChl Identifier</td>
<td>\text{InChI=1S/2Cr.3O}</td>
</tr>
<tr>
<td>InChl Key</td>
<td>\text{QDOXWKRWXJOMAK-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.