Product Data Sheet
(2N) 99% Aluminum Titanite Nanopowder
Product Code: AL-TAT-02-NP

Formula: Al₂O₃ · TiO₂
CAS No.: 12004-39-6
EC No.: 234-456-9
MDL: MFCD00064749

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>Al₂O₃ · TiO₂</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00064749</td>
</tr>
<tr>
<td>EC No.</td>
<td>234-456-9</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>16213786</td>
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<tr>
<td>IUPAC Name</td>
<td>oxo- bis(oxoalumanyloxy)titanium</td>
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<tr>
<td>SMILES</td>
<td>[Al+3].[Al+3].[O-][Ti-][O-][O-][O-][O-][O-]</td>
</tr>
<tr>
<td>InchI Identifier</td>
<td>InChI=1S/2Al.5O.Ti/q2*+3;6*-1</td>
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<tr>
<td>InchI Key</td>
<td>NIHWKTPTBPIF-UHFFFAOYSA-N</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.