Product Data Sheet

(4N) 99.99% Zirconium Acetylacetonate
Product Code: ZR-ACAC-04

Formula: Zr(C₅H₇O₂)₄
CAS No.: 17501-44-9
EC No.: 241-510-5
MDL: MFCD00000036

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>Zr(C₅H₇O₂)₄</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00000036</td>
</tr>
<tr>
<td>EC No.</td>
<td>241-510-5</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>4160373</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>53384628</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>(E)-4-oxopent-2-en-2-olate; zirconium(4+)</td>
</tr>
<tr>
<td>SMILES</td>
<td>CC(=CC(=O)C)[O-].CC(=CC(=O)C)[O-].CC(=CC(=O)C)[O-].CC(=CC(=O)C)[O-].[Zr+4]</td>
</tr>
<tr>
<td>Inchl Identifier</td>
<td>InChI=1S/4C5H8O2.Zr/c4<em>1-4(6)3-5(2)7;/h4</em>3,6H,1-2H3/q;;+/4/p-4/b4*4-3+;</td>
</tr>
<tr>
<td>Inchl Key</td>
<td>FPFOSIXCIBGKOH-SMVDYOEFS-A-J</td>
</tr>
</tbody>
</table>

Total Metal Impurities: 0.01% 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.