Product Data Sheet

98% Cerium(IV) Trifluoromethanesulfonate
Product Code: CE4-CFS-018

Formula: \( \text{Ce(CF}_3\text{SO}_3\text{)}_4 \)
CAS No.: 107792-63-2
EC No.: N/A
MDL: MFCD03844746

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
<th>EC No.</th>
<th>Beilstein Registry No.</th>
<th>Pubchem CID</th>
<th>IUPAC Name</th>
<th>SMILES</th>
<th>InChI Identifier</th>
<th>InChI Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>( \text{Ce(CF}_3\text{SO}_3\text{)}_4 )</td>
<td>MFCD03844746</td>
<td>N/A</td>
<td>N/A</td>
<td>9875257</td>
<td>cerium(4+); trifluoromethanesulfonate</td>
<td>C(F)(F)(F)S(=O)(=O)[O-].C(F)(F)(F)S(=O)(=O)[O-].C(F)(F)(F)S(=O)(=O)[O-].C(F)(F)(F)S(=O)(=O)[O-].[Ce+4]</td>
<td>InChI=1S/4CHF3O3S.Ce/c4<em>2-1(3,4)8(5,6)7:h4</em>(H,5,6,7);/q;;;;;;+4/p-4</td>
<td>BYAJTISDHIASIP-UHFFFAOYSA-J</td>
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</tbody>
</table>

Total Metal Impurities: 2.0% 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.