Product Data Sheet
(2N5) 99.5% Cobalt Trifluoromethanesulfonate
Product Code: CO-CFS-025

Formula: $\text{Co(CF}_3\text{SO}_3\text{)}_2$
CAS No.: 58164-61-7
EC No.: N/A
MDL: N/A

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>Co(CF$_3$SO$_3$)$_2$</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>N/A</td>
</tr>
<tr>
<td>EC No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>12984862</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>cobalt(2+); trifluoromethanesulfonate</td>
</tr>
<tr>
<td>SMILES</td>
<td>[Co+2].FC(F)(F)S([O-])(=O)=O.FC(F)(F)S([O-])(=O)=O</td>
</tr>
<tr>
<td>Inchl Identifier</td>
<td>InChI=1S/2CHF3O3S.Co/c2<em>2-1(3,4)8(5,6)7/h2</em>(H,5,6,7)/q;;+2/p-2</td>
</tr>
<tr>
<td>Inchl Key</td>
<td>RDLMYNHUFIVQE-UHFFFAOYSA-L</td>
</tr>
</tbody>
</table>

Total Metal Impurities: 0.5% 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.