Product Data Sheet

(3N) 99.9% Potassium Chromium(III) Oxalate Trihydrate

Product Code: K-CROXL-03-C.3HYD

Formula: \( \text{K}_3\text{Cr(C}_2\text{O}_4)_3 \cdot 3\text{H}_2\text{O} \)
CAS No.: 15275-09-9
EC No.: N/A
MDL: MFCD00150135

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>( \text{K}_3\text{Cr(C}_2\text{O}_4)_3 \cdot 3\text{H}_2\text{O} )</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00150135</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>167271</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>tripotassium; chromium(3+); oxalate; trihydrate</td>
</tr>
<tr>
<td>SMILES</td>
<td>C(=O)(C(=O)[O-])(O-)[O-][O-].C(=O)(O-)[O-][O-].C(=O)(C(=O)[O-])[O-].O.O.O.[K+].[K+].[K+].[Cr+3]</td>
</tr>
<tr>
<td>InchI Identifier</td>
<td>InChI=1S/3C2H2O4.Cr.3K.3H2O/c3<em>3-1(4)2(5)6;;3</em>3*1H2/q;;+3+1;/p-6</td>
</tr>
<tr>
<td>InchI Key</td>
<td>OPOKJTVMNOKQO-UHFFFAOYSA-H</td>
</tr>
</tbody>
</table>

Total Metal Impurities: 0.1% 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.
A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.