Product Data Sheet
(4N5) 99.995% Potassium Iodide
Product Code: K-I-045-C

Formula: KI
CAS No.: 7681-11-0
EC No.: 231-659-4
MDL: MFCD00011405

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>KI</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00011405</td>
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<tr>
<td>EC No.</td>
<td>231-659-4</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>4875</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>potassium iodide</td>
</tr>
<tr>
<td>SMILES</td>
<td>([K^+].[I^-])</td>
</tr>
<tr>
<td>InchI Identifier</td>
<td>InChI=1S/HI.K/h1H;(\cdot q;)+1/p-1</td>
</tr>
<tr>
<td>InchI Key</td>
<td>NLKNQRATVPKPDG-UHFFFAOYSA-M</td>
</tr>
</tbody>
</table>

Total Metal Impurities: 0.005% 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.