# Product Information

## GRM699  
**Potassium chromate, Hi-AR/ACS**

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRM699</td>
<td>500G</td>
</tr>
</tbody>
</table>

## Product Information

<table>
<thead>
<tr>
<th>Product Code</th>
<th>GRM699</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>Potassium chromate, Hi-AR/ACS</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>$K_2CrO_4$</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>194.19</td>
</tr>
<tr>
<td>CAS No.</td>
<td>7789-00-6</td>
</tr>
<tr>
<td>EC No.</td>
<td>232-140-5</td>
</tr>
<tr>
<td>HS Code</td>
<td>2841 50 90</td>
</tr>
<tr>
<td>EC Index No.</td>
<td>024-006-00-8</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>4 years</td>
</tr>
</tbody>
</table>

## Technical Specification

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Yellow crystals or powder or solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solubility</td>
<td>33.3 mg soluble in 1 mL of water</td>
</tr>
<tr>
<td>pH (5% in water at 25°C)</td>
<td>8.60 - 9.80</td>
</tr>
<tr>
<td>Calcium (Ca)</td>
<td>$\leq 0.005%$</td>
</tr>
<tr>
<td>Chloride (Cl)</td>
<td>$\leq 0.005%$</td>
</tr>
<tr>
<td>Insoluble matter</td>
<td>$\leq 0.005%$</td>
</tr>
<tr>
<td>Sodium (Na)</td>
<td>$\leq 0.02%$</td>
</tr>
<tr>
<td>Sulfate (SO₄)</td>
<td>$\leq 0.03%$</td>
</tr>
<tr>
<td>Assay (Iodometry)</td>
<td>99.50 - 102.00%</td>
</tr>
</tbody>
</table>

## GHS Safety Information

- **Hazard Statement(s)**  
- **Precautionary Statement(s)**  
  - P201-P273-P280-P301+P310+P330-P340+P312-P308+P313
- **Signal Word**  
  - Danger
- **Hazard Pictogram(s)**  
  - ![Hazard Pictogram](image)

## Risk and Safety Information

<table>
<thead>
<tr>
<th>R-Phrase(s)</th>
<th>49-46-36/37/38-43-50/53</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-Phrase(s)</td>
<td>53-45-60-61</td>
</tr>
<tr>
<td>WGK</td>
<td>3</td>
</tr>
<tr>
<td>RTECS</td>
<td>GB2940000</td>
</tr>
<tr>
<td>Storage Temperature(°C)</td>
<td>Store below 30°C</td>
</tr>
<tr>
<td>Hazard Symbol(s)</td>
<td><img src="image" alt="Hazard Symbol" /></td>
</tr>
</tbody>
</table>
**Transport Information**

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN No.</td>
<td>3288</td>
</tr>
<tr>
<td>Class</td>
<td>6.1</td>
</tr>
<tr>
<td>Packaging Group</td>
<td>III</td>
</tr>
<tr>
<td>Marine Pollutant</td>
<td>Yes</td>
</tr>
<tr>
<td>ADR/RID</td>
<td>3288 6.1/PG III</td>
</tr>
<tr>
<td>IMDG</td>
<td>3288 6.1/PG III</td>
</tr>
<tr>
<td>IATA</td>
<td>3288 6.1/PG III</td>
</tr>
</tbody>
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