### Product Information

**Product Number**
- GRM474

**Packing**
- 500G

### Product Information

<table>
<thead>
<tr>
<th>Product Code</th>
<th>GRM474</th>
</tr>
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<tbody>
<tr>
<td>Product Name</td>
<td>Ammonium dichromate, Hi-AR™</td>
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<tr>
<td>Synonym</td>
<td>Ammonium bichromate</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>(NH₄)₂Cr₂O₇</td>
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<tr>
<td>Molecular Weight</td>
<td>252.06</td>
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<tr>
<td>CAS No.</td>
<td>7789-09-5</td>
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<tr>
<td>EC No.</td>
<td>232-143-1</td>
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<tr>
<td>HS Code</td>
<td>2841 50 00</td>
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<tr>
<td>Shelf Life</td>
<td>4 years</td>
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</tbody>
</table>

### Technical Specification

**Appearance**
- Orange to orange-red to dark orange crystals or powder

**Solubility**
- 100 mg soluble in 1 mL of water

**pH (5% in water at 25°C)**
- 3.00 - 5.00

**Aluminium (Al)**
- <= 0.003%

**Chloride (Cl)**
- <= 0.001%

**Calcium (Ca)**
- <= 0.0025%

**Insoluble matter**
- <= 0.003%

**Potassium (K)**
- <= 0.02%

**Sodium (Na)**
- <= 0.02%

**Sulphate (SO₄ )**
- <= 0.01%

**Loss on drying (at 105°C, 2 hr)**
- <= 3.00%

**Assay (Iodometry)**
- 99.50 - 102.00%

### GHS Safety Information

**Hazard Statement(s)**

**Precautionary Statement(s)**
- P201-P220-P260-P273-P280-P284

**Signal Word**
- Danger

### Risk and Safety Information

**R-Phrase(s)**

**S-Phrase(s)**
- 53-45-60-61

**WGK**
- 3

**RTECS**
- HX7650000

**Storage Temperature(°C)**
- Store below 30°C

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The information contained herein is believed to be accurate and complete. However no warranty or guarantee whatsoever is made or is to be implied with respect to such Information or with respect to any product, method or apparatus referred to herein.
### Product Information

#### Hazard Symbol(s)
- Toxic
- Dangerous for the environment
- Explosive

#### Transport Information

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>UN No.</td>
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<tr>
<td>Class</td>
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<td>Packaging Group</td>
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<td>Marine Pollutant</td>
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<tr>
<td>ADR/RID</td>
<td>1439 5.1/PG 2</td>
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<td>IMDG</td>
<td>1439 5.1/PG 2</td>
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