GRM1273  Ammonium sulphate, Hi-AR™

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<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
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<tbody>
<tr>
<td>GRM1273</td>
<td>500G</td>
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<tr>
<td>GRM1273</td>
<td>5KG</td>
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**Product Information**

- **Product Code**: GRM1273
- **Product Name**: Ammonium sulphate, Hi-AR™
- **Synonym**: Mascagnite
- **Molecular Formula**: (NH₄)₂SO₄
- **Molecular Weight**: 132.14
- **CAS No.**: 7783-20-2
- **EC No.**: 231-984-1
- **HS Code**: 3105 10 00
- **Shelf Life**: 4 years

**Technical Specification**

- **Appearance**: White hygroscopic crystals or powder or solid
- **Solubility**: 100 mg soluble in 1 mL of water
- **pH (5 % in water at 25°C)**: 4.50 - 6.00
- **Loss on drying (at 100°C, 1 hr.)**: <= 0.1%
- **Arsenic (As)**: <= 0.00002%
- **Calcium (Ca)**: <= 0.001%
- **Chloride (Cl)**: <= 0.0003%
- **Copper (Cu)**: <= 0.0002%
- **Insoluble matter**: <= 0.001%
- **Iron (Fe)**: <= 0.0002%
- **Lead (Pb)**: <= 0.0002%
- **Magnesium (Mg)**: <= 0.0005%
- **Nitrate (NO₃⁻)**: <= 0.001%
- **Non-volatile matter**: <= 0.01%
- **Phosphate (PO₄³⁻)**: <= 0.0005%
- **Assay (NaOH-back Titration)**: 99.50 - 102.00%

**Risk and Safety Information**

- **WGK**: 1
- **RTECS**: BS4500000
- **Storage Temperature(°C)**: Store below 30°C

**Transport Information**

- **Marine Pollutant**: No
- **ADR/RID**: Not Dangerous Goods
- **IMDG**: Not Dangerous Goods
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