Product Information

**GRM851** Sodium carbonate anhydrous, Hi-AR™

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRM851</td>
<td>500G</td>
</tr>
<tr>
<td>GRM851</td>
<td>5KG</td>
</tr>
</tbody>
</table>

**Product Information**

- **Product Code**: GRM851
- **Product Name**: Sodium carbonate anhydrous, Hi-AR™
- **Synonym**: Calcined soda; Carbonic acid disodium salt; Soda ash
- **Molecular Formula**: Na₂CO₃
- **Molecular Weight**: 105.99
- **CAS No.**: 497-19-8
- **EC No.**: 207-838-8
- **HS Code**: 2836 20 00
- **Shelf Life**: 4 years

**Technical Specification**

- **Appearance**: White to off-white hygroscopic crystals or powder or granules
- **Solubility**: 100 mg soluble in 1 mL of water
- **Chloride (Cl)**: <= 0.004%
- **Magnesium (Mg)**: <= 0.002%
- **Calcium (Ca)**: <= 0.01%
- **Lead (Pb)**: <= 0.0005%
- **Iron (Fe)**: <= 0.0005%
- **Aluminium (Al)**: <= 0.01%
- **Copper (Cu)**: <= 0.0005%
- **Nitrate (NO₃)**: <= 0.002%
- **Water insoluble matter**: <= 0.01%
- **Potassium (K)**: <= 0.01%
- **Phosphate (PO₄)**: <= 0.001%
- **Sulfate (SO₄)**: <= 0.0025%
- **Silicate (SiO₄)**: <= 0.0025%
- **Loss on drying (at 300°C, 15 min)**: <= 1.00%
- **Assay (HCl Titration, on dry basis)**: 99.00 - 100.50%

**GHS Safety Information**

- **Hazard Statement(s)**: H319
- **Precautionary Statement(s)**: P305+P351+P338
- **Signal Word**: Warning
- **Hazard Pictogram(s)**

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.
### Risk and Safety Information

<table>
<thead>
<tr>
<th>R-Phrase(s)</th>
<th>36</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-Phrase(s)</td>
<td>22-26</td>
</tr>
<tr>
<td>WGK</td>
<td>1</td>
</tr>
<tr>
<td>RTECS</td>
<td>VZ4050000</td>
</tr>
<tr>
<td>Storage Temperature(°C)</td>
<td>Store below 30°C</td>
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### Transport Information

<table>
<thead>
<tr>
<th>Marine Pollutant</th>
<th>No</th>
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<tbody>
<tr>
<td>ADR/RID</td>
<td>Not Dangerous Goods</td>
</tr>
<tr>
<td>IMDG</td>
<td>Not Dangerous Goods</td>
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<tr>
<td>IATA</td>
<td>Not Dangerous Goods</td>
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