GRM1648  Boric anhydride, Hi-AR™

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRM1648</td>
<td>1KG</td>
</tr>
<tr>
<td>GRM1648</td>
<td>250G</td>
</tr>
</tbody>
</table>

**Product Information**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>GRM1648</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>Boric anhydride, Hi-AR™</td>
</tr>
<tr>
<td>Synonym</td>
<td>Boron trioxide</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>B₂O₃</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>69.62</td>
</tr>
<tr>
<td>CAS No.</td>
<td>1303-86-2</td>
</tr>
<tr>
<td>EC No.</td>
<td>215-125-8</td>
</tr>
<tr>
<td>HS Code</td>
<td>2810 00 10</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>4 years</td>
</tr>
</tbody>
</table>

**Technical Specification**

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Colourless or white crystals or chunks or powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solubility</td>
<td>33.3 mg soluble in 1 mL of hot water</td>
</tr>
<tr>
<td>Loss on ignition (at 900°C)</td>
<td>&lt;= 10.0%</td>
</tr>
<tr>
<td>Assay (NaOH Titration)</td>
<td>99.00 - 102.00%</td>
</tr>
</tbody>
</table>

**GHS Safety Information**

<table>
<thead>
<tr>
<th>Hazard Statement(s)</th>
<th>H360FD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precautionary Statement(s)</td>
<td>P201-P308+P313</td>
</tr>
<tr>
<td>Signal Word</td>
<td>Danger</td>
</tr>
<tr>
<td>Hazard Pictogram(s)</td>
<td></td>
</tr>
</tbody>
</table>

**Risk and Safety Information**

| R-Phrase(s) | 60-61 |
| S-Phrase(s) | 53-45 |
| WGK         | 1     |
| Storage Temperature(°C) | Store below 30°C |
| Hazard Symbol(s) |        |

**Transport Information**

| Marine Pollutant | No |
| ADR/RID          | Not Dangerous Goods |
| IMDG             | Not Dangerous Goods |
| IATA             | Not Dangerous Goods |