## GRM1025  Rhodamine 6G chloride, Hi-Cert™

### Product Number

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRM1025</td>
<td>10G</td>
</tr>
<tr>
<td>GRM1025</td>
<td>25G</td>
</tr>
</tbody>
</table>

### Product Information

- **Product Code**: GRM1025
- **Product Name**: Rhodamine 6G chloride, Hi-Cert™
- **Synonym**: Basic red 1 chloride
- **Molecular Formula**: C$_{28}$H$_{31}$N$_2$O$_3$Cl
- **Molecular Weight**: 479.01
- **CAS No.**: 989-38-8
- **EC No.**: 213-584-9
- **HS Code**: 3212 90 00
- **Colour Index No.**: 45160
- **Shelf Life**: 3 years

### Technical Specification

- **Appearance**: Red to brown to black crystals or powder or solid
- **Solubility**: 10 ppm in water yields clear solution
- **FTIR (KBr disc)**: Matches with the standard pattern
- **Absorption maxima 1**: 527 - 533 nm (10 ppm in water)
- **Absorption maxima 2**: 346 - 352 nm (10 ppm in water)
- **Absorption maxima 3**: 275 - 281 nm (10 ppm in water)
- **Absorption maxima 4**: 246 - 252 nm (10 ppm in water)
- **Dye content (AT)**: 95.00 - 105.00%

### GHS Safety Information

- **Hazard Statement(s)**: H302
- **Signal Word**: Warning
- **GHS Safety Information**: &nbsp;

### Risk and Safety Information

- **R-Phrase(s)**: 22
- **WGK**: 3
- **RTECS**: DH0175000
- **Storage Temperature(°C)**: Store below 30°C
- **Hazard Symbol(s)**: Harmful

---

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.
<table>
<thead>
<tr>
<th>Product Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR/RID</td>
<td>Not Dangerous Goods</td>
</tr>
<tr>
<td>IMDG</td>
<td>Not Dangerous Goods</td>
</tr>
<tr>
<td>IATA</td>
<td>Not Dangerous Goods</td>
</tr>
</tbody>
</table>