### GRM927  
**Congo red, Practical grade**

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRM927</td>
<td>100G</td>
</tr>
<tr>
<td>GRM927</td>
<td>1KG</td>
</tr>
<tr>
<td>GRM927</td>
<td>25G</td>
</tr>
</tbody>
</table>

#### Product Information
- **Product Code**: GRM927
- **Product Name**: Congo red, Practical grade
- **Synonym**: Cosmos red
- **Molecular Formula**: $C_{32}H_{22}Na_{2}N_{6}O_{6}S_{2}$
- **Molecular Weight**: 696.66
- **CAS No.**: 573-58-0
- **EC No.**: 209-358-4
- **HS Code**: 3212 90 00
- **Colour Index No.**: 22120
- **Shelf Life**: 4 years

#### Technical Specification
- **Appearance**: Red to brown powder
- **Solubility**: 20 ppm in water yields clear to slightly turbid solution
- **Visual pH Transition**: pH 3.0 (violet) - pH 5.2 (Orange-red)
- **FTIR (KBr disc)**: Matches with the standard pattern
- **Loss on drying (at 105°C, 2hr)**: <= 8.0%

#### GHS Safety Information
- **Hazard Statement(s)**: H350-H361d
- **Precautionary Statement(s)**: P201-P281-P308+P313
- **Signal Word**: Danger

#### Risk and Safety Information
- **R-Phrase(s)**: 45-63
- **S-Phrase(s)**: 53-45
- **WGK**: 3
- **RTECS**: QK1400000
- **Storage Temperature(°C)**: Store below 30°C

#### Transport Information
- **Hazard Symbol(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.
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine Pollutant</td>
<td>No</td>
</tr>
<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>