## Product Information

### RM975 Phenol red, Practical grade

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
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<tbody>
<tr>
<td>RM975</td>
<td>100G</td>
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<tr>
<td>RM975</td>
<td>25G</td>
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</tbody>
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### Product Information

- **Product Code**: RM975
- **Product Name**: Phenol red, Practical grade
- **Synonym**: Phenolsulfonphthalein, Free acid
- **Molecular Formula**: C_{19}H_{14}O_{5}S
- **Molecular Weight**: 354.38
- **CAS No.**: 143-74-8
- **EC No.**: 205-609-7
- **HS Code**: 2934 99 90
- **Shelf Life**: 4 years

### Technical Specification

- **Appearance**: Dark red crystalline powder.
- **Solubility**: Sparingly soluble in water, alcohol, acetone. Insoluble in chloroform, ether. Readily soluble in aqueous alkali hydroxides or carbonates.
- **Reaction**: Reaction of 20.0% w/v (aqueous solution in ethanol) has a pH in the transition range from pH 1.2 (Brownish orange) to pH 3.0 (yellow) and pH 6.8 (yellow) to pH 8.2 (red).
- **Absorption max. (pH1.2)**: 503-506nm
- **Absorption max. (pH3.0)**: 430-435nm
- **Absorption max. (pH8.0)**: 557-560nm
- **Absorption max. (pH 6.2)**: 430-435nm
- **Loss on drying (at 110°C)**: <=1.0%

### GHS Safety Information

- **Hazard Statement(s)**: 315-319-335
- **Precautionary Statement(s)**: 261-305 + P351 + P338
- **Signal Word**: Warning
- **Hazard Pictogram(s)**

### Risk and Safety Information

- **R-Phrase(s)**: 36/37/38
- **S-Phrase(s)**: 26
- **WGK**: 3
- **RTECS**: SJ7490000
- **Storage Temperature(°C)**: Store below 30°C
### Product Information

<table>
<thead>
<tr>
<th>Hazard Symbol(s)</th>
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<tr>
<td><img src="image" alt="Hazard Symbol" /></td>
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**Transport Information**

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<tr>
<th>ADR/RID</th>
<th>IMDG</th>
<th>IATA</th>
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