**Product Information**

**RM8849  1-Propanephosphonic acid anhydride, ~50wt% solution in DMF**

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
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<tbody>
<tr>
<td>RM8849</td>
<td>100G</td>
</tr>
<tr>
<td>RM8849</td>
<td>25G</td>
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</tbody>
</table>

**Product Information**

**Product Code**: RM8849  
**Product Name**: 1-Propanephosphonic acid anhydride, ~50wt% solution in DMF  
**Molecular Formula**: C₉H₂₁O₆P₃  
**Molecular Weight**: 318.18  
**CAS No.**: 68957-94-8  
**HS Code**: 3822 00 00  
**Shelf Life**: 4 years

**Technical Specification**

- **Appearance**: Yellow to brownish solution  
- **Solubility**: 1 mL miscible in 1 mL of water  
- **Refractive index (n₂₀/D)**: 1.4500 - 1.4540  
- **Density (at 25°C)**: 1.085 - 1.095 g/mL

**GHS Safety Information**

**Hazard Statement(s)**: H360D-H314-H332-H312  
**Precautionary Statement(s)**: P201-P280-P305+P351+P338-P310  
**Signal Word**: Danger  
**Hazard Pictogram(s)**

**Risk and Safety Information**

- **R-Phrase(s)**: 61-20/21-34  
- **S-Phrase(s)**: 53-26-36/37/39-45  
- **WGK**: 1  
- **Flash Point(°F)**: 143.6°F  
- **Flash Point(°C)**: 62°C  
- **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

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