RM8252  2,5-Dimercapto-1,3,4-thiadiazole

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<tr>
<th>Product Number</th>
<th>Packing</th>
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<td>RM8252</td>
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**Product Information**

- **Product Code**: RM8252
- **Product Name**: 2,5-Dimercapto-1,3,4-thiadiazole
- **Synonym**: 1,3,4-Thiadiazole-2,5-dithiol; Bismuthiol I, Bismuththiol I
- **Molecular Formula**: \( \text{C}_2 \text{H}_2 \text{N}_2 \text{S}_3 \)
- **Molecular Weight**: 150.25
- **CAS No.**: 1072-71-5
- **EC No.**: 214-014-1
- **HS Code**: 2934 99 90
- **Shelf Life**: 4 years

**Technical Specification**

- **Appearance**: White to off-white to yellow crystals or powder
- **Solubility**: Sparingly soluble in water
- **FTIR (KBr disc)**: Matches with the standard pattern
- **Melting point**: ~162°C (dec.)
- **Assay (NaOH Titration/HPLC)**: min. 98.00 %

**GHS Safety Information**

- **Hazard Statement(s)**: H319
- **Precautionary Statement(s)**: P305+P351+P338
- **Signal Word**: Warning

**Risk and Safety Information**

- **R-Phrase(s)**: 36
- **S-Phrase(s)**: 26-36
- **WGK**: 2
- **RTECS**: XI3850000
- **Storage Temperature(°C)**: Store below 30°C

**Transport Information**

- **Marine Pollutant**: No
- **ADR/RID**: Not Dangerous Goods
- **IMDG**: Not Dangerous Goods
- **IATA**: Not Dangerous Goods

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