# Product Information

## RM4132  Chlorazole black E, Certified

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<tr>
<th>Product Number</th>
<th>Packing</th>
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<tbody>
<tr>
<td>RM4132</td>
<td>5G</td>
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### Product Information

- **Product Code**: RM4132
- **Product Name**: Chlorazole black E, Certified
- **Synonym**: Direct Black 38
- **Molecular Formula**: C_{34}H_{25}N_{9}Na_{2}O_{7}S_{2}
- **Molecular Weight**: 781.73
- **CAS No.**: 1937-37-7
- **EC No.**: 217-710-3
- **HS Code**: 3212 90 00
- **EC Index No.**: 611-025-00-7
- **Colour Index No.**: 30235
- **Shelf Life**: 4 years

### Technical Specification

- **Appearance**: Dark brown to black crystals or powder
- **Solubility**: 20 ppm in alcohol yields clear solution
- **FTIR (KBr disc)**: Matches with the standard pattern
- **Absorption maxima**: 597 - 602 nm (20 ppm in alcohol)
- **Dye Content**: ~50%

### GHS Safety Information

- **Hazard Statement(s)**: H350-H361d
- **Precautionary Statement(s)**: P201-P281-P308+P313
- **Signal Word**: Danger
- **Hazard Pictogram(s)**:

### Risk and Safety Information

- **R-Phrase(s)**: 45-63
- **S-Phrase(s)**: 53-45
- **WGK**: 3
- **RTECS**: QJ6160000
- **Storage Temperature(°C)**: Store below 30°C
- **Hazard Symbol(s)**:

### Transport Information

- **Marine Pollutant**: No
**Product Information**

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