# Product Information

## RM394 Nile blue sulphate, A.R.

<table>
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<tr>
<th>Product Number</th>
<th>Packing</th>
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<td>10G</td>
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### Product Information

- **Product Code**: RM394
- **Product Name**: Nile blue sulphate, A.R.
- **Synonym**: Nile Blue A; Basic Blue 12,
- **Molecular Formula**: $C_{40}H_{40}N_{6}O_{2}SO_{4}$
- **Molecular Weight**: 732.85
- **CAS No.**: 3625-57-8
- **EC No.**: 222-832-5
- **HS Code**: 3212 90 00
- **Colour Index No.**: 51180
- **Shelf Life**: 4 years

### Technical Specification

- **Appearance**: Dark blue to dark green to black powder
- **Solubility**: 20 ppm in 50% ethanol yields clear blue solution
- **Absorption maxima**: 632 - 642 nm (20 ppm in 50% ethanol)
- **Loss on drying (at 110°C)**: <= 8.00%

### Risk and Safety Information

- **WGK**: 3
- **RTECS**: DJ1931000
- **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