Material Safety Data Sheet

Section 1  Product and Company Identification

Product number: C261
Product name: Dihydrorhodamine 123
Unit Size: 10 mg
Manufacturer/Supplier: GeneCopoeia Inc
9620 Medical Center Drive, Suite 101, Rockville, MD 20850, USA
Tel: 1-301-762-0888, Fax: 1-301-762-3888
Web: www.genecopoeia.com

Section 2  Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>EINECS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dihydrorhodamine 123</td>
<td>108244-58-8</td>
<td>-</td>
<td>60-100</td>
</tr>
</tbody>
</table>

Section 3  Physical and Chemical Properties

- Form: solid
- Appearance: red
- Odor: No information available
- Boiling point: No data available
- Melting point: No data available
- Flash point: No data available
- Autoignition temperature: No data available
- Oxidizing properties: No information available
- Water solubility: low

Section 4  Potential Health Hazard Effects

- Eyes: May cause eye irritation with susceptible persons.
- Skin: May cause skin irritation in susceptible persons.
- Inhalation: May be harmful by inhalation.
- Ingestion: May be harmful if swallowed.
- Carcinogenic effects: not applicable.
- Reproductive toxicity: not applicable.
- Sensitization: not applicable.

Section 5  Stability and Reactivity Data

- Stability: Stable under normal conditions.
- Materials to avoid: No information available.
- Hazardous decomposition: No information available.
- Polymerization: Hazardous polymerization does not occur.

Section 6  Toxicological and Ecological Information
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 (oral, rat/mouse)</th>
<th>LD50 (dermal, rat/rabbit)</th>
<th>LC50 (inhalation, rat/mouse)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dihydrorhodamine 123</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

- **Ecotoxicity effects**: No information available.
- **Mobility**: No information available.
- **Biodegradation**: Inherently biodegradable.
- **Bioaccumulation**: Does not bioaccumulate.

**Section 7 Handling and Storage**

- **Handling**: Always wear recommended Personal Protective Equipment. No special handing advice required.
- **Storage**: Keep in a dry, cool and well-ventilated place.

**Section 8 First Aid Measures**

- **Skin contact**: Rinse with plenty of water. If symptoms arise, call a physician.
- **Eye contact**: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
- **Ingestion**: Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
- **Inhalation**: Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

**Section 9 Disposal Considerations**

Dispose of in accordance with local regulations.

**Section 10 Other Information**

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

**End of Material Safety Data Sheet**