Material Safety Data Sheet

Section 1  Product and Company Identification

Product number: C042
Product name: MitoBeacon™ Red, 1 mg/mL in DMSO
Unit Size: 1 mL
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>MitoBeacon™ Red</td>
<td>-</td>
<td>-</td>
<td>0.1-1.0</td>
</tr>
</tbody>
</table>

Section 3  Physical and Chemical Properties

- Form: liquid
- Appearance: purple
- 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>MitoBeacon™ Red</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 handling 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