Section 1 Product and Company Identification

Product number: C013-2
Product name: NucBeacon™ Green Dead nucleic acid stain, 1 mM 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>NucBeacon™ Green Dead</td>
<td>-</td>
<td>-</td>
<td>0.1-1.0</td>
</tr>
</tbody>
</table>

Section 3 Physical and Chemical Properties

Form: liquid
Appearance: orange
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: Soluble

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>NucBeacon™ Green Dead</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: No information available.
- Bioaccumulation: No information available.

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