Material Safety Data Sheet

Section 1 Product and Company Identification

Product number: C422B
Product name: Cy5-X-UTP, lyophilized powder
Unit Size: 25 nmol
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

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 3 Physical and Chemical Properties

Form
Solid
Appearance
No information available
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
none
Reproductive toxicity
none
Sensitization
none

Section 5 Stability and Reactivity Data

Stability
Stable under normal conditions.
Materials to avoid
No dangerous reaction known under conditions of normal use.
Hazardous decomposition
None under normal use.
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>Cy5-X-UTP</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