Material Safety Data Sheet

Section 1  Product and Company Identification

Product number: L002  
Product name: Andy Fluor 405M NHS Ester  
Unit Size: 1 µmol  
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.abpbio.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>Andy Fluor 405M NHS Ester</td>
<td>-</td>
<td>-</td>
<td>60-100</td>
</tr>
</tbody>
</table>

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: 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>Andy Fluor 405M NHS Ester</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