Material Safety Data Sheet

Section 1 Product and Company Identification

Product number: C056C  
Product name: DRAQ5™ Fluorescent Probe, 5 mM  
Unit Size: 1 mL  
Manufacturer/Supplier: ABP Biosciences Inc  
9620 Medical Center Drive, Rockville, MD 20850, USA  
Web: www.abpbiotech.com.cn

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>DRAQ5™ Fluorescent Probe</td>
<td>254098-36-7</td>
<td>-</td>
<td>&lt;1%</td>
</tr>
</tbody>
</table>

Section 3 Physical and Chemical Properties

- **Form**: Liquid  
- **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>DRAQ5™ Fluorescent</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