Material Safety Data Sheet

Section 1 Product and Company Identification

Product number: C019
Product name: 'DiR'; DiIC18(7) (1,1'-dioctadecyl-3,3,3',3'-tetramethylindotricarbocyanine, iodide)
Unit Size: 10 mg
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>DiR</td>
<td>-</td>
<td>-</td>
<td>60-100</td>
</tr>
</tbody>
</table>

Section 3 Physical and Chemical Properties

Form: solid
Appearance: blue/Green
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: Not 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
## 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