Section 1  Product and Company Identification

Product number: C009  
Product name: EMA (Ethidium monoazide bromide)  
Unit Size: 5 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>EMA</td>
<td>58880-05-0</td>
<td>-</td>
<td>60-100</td>
</tr>
</tbody>
</table>

Section 3  Physical and Chemical Properties

Form: solid  
Appearance: purple/red  
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 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>Propidium iodide</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.