Material Safety Data Sheet

Section 1 Identification of the Substance

Product number: C009
Product name: EMA (Ethidium monoazide bromide)

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 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