IncuCyte™ pHrodo® Green *E. coli* Bioparticles® for Phagocytosis

**1 IDENTIFICATION**

<table>
<thead>
<tr>
<th>Product code:</th>
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</thead>
<tbody>
<tr>
<td>Cat. No. 4616</td>
</tr>
<tr>
<td>Product name:</td>
</tr>
<tr>
<td>IncuCyte™ pHrodo® Green <em>E. coli</em> Bioparticles® for Phagocytosis</td>
</tr>
<tr>
<td>Unit size:</td>
</tr>
<tr>
<td>2 mg</td>
</tr>
<tr>
<td>Manufacturer/supplier:</td>
</tr>
<tr>
<td>Essen BioScience Inc. 300 West Morgan Road Ann Arbor MI 48108 USA</td>
</tr>
<tr>
<td>Emergency contact:</td>
</tr>
<tr>
<td>+1 (734) 769-1600</td>
</tr>
<tr>
<td>Fax contact:</td>
</tr>
<tr>
<td>+1 (734) 769-7295</td>
</tr>
</tbody>
</table>

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

**2 HAZARD(S) IDENTIFICATION**

Signal word: Not hazardous
Health hazard: Not hazardous
Hazard pictogram: None

**Principle routes of exposure/Potential health 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.

**Specific effects**

- **Carcinogenic effects:** None
- **Mutagenic effects:** Substances which cause concern for man owing to possible mutagenic effects but for which the available information is not adequate for making a satisfactory assessment.
- **Reproductive toxicity:** None
- **Sensitization:** None
- **Target organ effects:** No known effects under normal use conditions.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>EINECS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>IncuCyte™ pHrodo® Green <em>E. coli</em> Bioparticles® for Phagocytosis</td>
<td>None</td>
<td>None</td>
<td>60-100</td>
</tr>
</tbody>
</table>

The product contains no substance which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.
## 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.

**Notes to physician:** Treat symptomatically.

## FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

**Special protective equipment for firefighters:** Wear self-contained breathing apparatus and protective suit.

## ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment.

**Methods for cleaning up:** Take up mechanically and collect in suitable container for disposal.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. See section 12 for additional information.

## 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.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

**Chemical name:** IncuCyte™ pHrodo® Green E. coli Bioparticles® for Phagocytosis

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>OSHA PEL</th>
<th>OSHA PEL (Ceiling)</th>
<th>ACGIH OEL (TWA)</th>
<th>ACGIH OEL (STEL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IncuCyte™ pHrodo® Green E. coli Bioparticles® for Phagocytosis</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
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</table>

**Engineering measures:** Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment:**

**Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment.

**Hand protection:** Impervious gloves.

**Eye protection:** Safety glasses with side-shields.

**Skin and body protection:** Lightweight protective clothing.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.
9 PHYSICAL AND CHEMICAL PROPERTIES

Lists the chemical's characteristics.

General information

- **Form:** Solid.
- **Appearance:** No information available.
- **Odor:** No information available.
- **Boiling point:** No information available.
- **Melting point/range:** No information available.
- **Flash point:** No information available.
- **Autoignition temperature:** No information available.
- **Oxidizing properties:** No information available.
- **Water solubility:** No data available.

10 STABILITY AND REACTIVITY

Lists chemical stability and possibility of hazardous reactions.

- **Stability:** Stable under normal conditions.
- **Materials to avoid:** No dangerous reaction known under conditions of normal use.

11 TOXICOLOGICAL INFORMATION

Includes routes of exposure; related symptoms, acute and chronic effects; numerical measures of toxicity

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Acute toxicity</th>
<th>LD50 (oral, rat/mouse)</th>
<th>LD50 (dermal, rat/rabbit)</th>
<th>LD50 (inhalation, rat, mouse)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IncuCyte™ pHrodo® Green E. coli Bioparticles® for Phagocytosis</td>
<td>Not hazardous.</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
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**Principle routes of exposure/potential health effects**

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- **Reproductive toxicity:** None.
- **Sensitization:** None.
- **Target organ effects:** No known effects under normal use conditions.

12 ECOLOGICAL INFORMATION

- **Ecotoxicity effects:** No information available.
- **Mobility:** No information available.
- **Biodegradation:** Inherently biodegradable.
- **Bioaccumulation:** Does not bioaccumulate.
13 DISPOSAL CONSIDERATIONS
Dispose of in accordance with local regulations.

14 TRANSPORT INFORMATION
IATA.

Proper shipping name: Not classified as dangerous in the meaning of transport regulations.
Hazard class: None.
Subsidiary class: None.
Packing group: None.
UN-No: None.

15 REGULATORY INFORMATION

Component
IncuCyte™ pHrodo® Green E. coli Bioparticles® for Phagocytosis
NONE (60-100)

US Federal Regulations
SARA 313: This product is not regulated by SARA.
Clean air act, section 112 hazardous air pollutants (HAPs) (see 40 CFR 61): This product does not contain HAPs.

US State Regulations

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Massachusetts RTK</th>
<th>New Jersey RTK</th>
<th>Pennsylvania RTK</th>
<th>Illinois RTK</th>
<th>Rhode Island RTK</th>
</tr>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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</tbody>
</table>

California Proposition 65: This product does not contain chemicals listed under Proposition 65.
WHMIS Hazard Class: Non-controlled.

16 OTHER INFORMATION
Includes the date of preparation or last revision.

Date of preparation: October 23, 2015
Revision date: October 23, 2015

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END OF SAFETY DATA SHEET