

# IncuCyte™ pHrodo® Green *S. aureus* Bioparticles® for Phagocytosis

**1 IDENTIFICATION** Includes product identifier; manufacturer or distributor name, address, phone number; emergency phone number; recommended use; restrictions on use.

Product code: Cat. No. 4620  
 Product name: IncuCyte™ pHrodo® Green *S. aureus* Bioparticles® for Phagocytosis  
 Unit size: 2 mg  
 Manufacturer/supplier: Essen BioScience, Ltd.  
 BioPark, Broadwater Road  
 Welwyn Garden City,  
 Hertfordshire  
 AL7 3AX United Kingdom  
 Emergency contact: +44 (0) 1707 358688  
 Fax contact: +44 (0) 1707 358687

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

**2 HAZARD(S) IDENTIFICATION** In accordance with local and national regulations, the product is classified and labelled in accordance with Directive 1999/45/EC. REGULATION (EC) No 1272/2008 Classification according to EU Directives 67/548/EEC or 1999/45/EC.

**GHS - Classification**

Signal word: Not hazardous.  
 Health hazard: Not hazardous.  
 Physical hazards: Not hazardous.

**European Union (EU) Specific Hazard Statements**

R-phrases: None  
 S-phrases: S22 - Do not breathe dust.

**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  
 Sensitisation: None  
 Target organ effects: No known effects under normal use conditions.

**3 COMPOSITION/INFORMATION ON INGREDIENTS** Includes information on chemical ingredients; trade secret claims.

Chemical name	CAS-No	EINECS-No	Weight percent
IncuCyte™ pHrodo® Green <i>S. aureus</i> Bioparticles® for Phagocytosis	None	-	60-100

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

**4 FIRST-AID MEASURES**

**Includes important symptoms/ effects, acute, delayed; required treatment.**

- 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.

**5 FIRE-FIGHTING MEASURES**

**Lists suitable extinguishing techniques, equipment; chemical hazards from fire.**

- Suitable extinguishing media: Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.  
 Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective suit.

**6 ACCIDENTAL RELEASE MEASURES**

**Lists emergency procedures; protective equipment; proper methods of containment and cleanup.**

- 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.

**7 HANDLING AND STORAGE**

**Lists precautions for safe handling and storage, including incompatibilities.**

- Handling: Avoid contact with skin, eyes and clothing. Always wear recommended personal protective equipment.  
 Storage: Keep in a dry, cool and well-ventilated place.

**8 EXPOSURE CONTROLS/  
PERSONAL PROTECTION**

**We are not aware of any national exposure limit.**

Chemical name	Chemical name	Chemical name
IncuCyte™ pHrodo® Green <i>S. aureus</i> Bioparticles® for Phagocytosis	IncuCyte™ pHrodo® Green <i>S. aureus</i> Bioparticles® for Phagocytosis	IncuCyte™ pHrodo® Green <i>S. aureus</i> Bioparticles® for Phagocytosis
European Union: None	Denmark (TWA): None	Netherlands OEL (MAC): None
EU OEL (STEL): None	Finland OEL (TWA): None	Norway: None
EU OEL (TWA): None	France OEL (VME): None	Poland: None
EU Skin Notation: None	Germany OEL (TWA): None	Portugal: None
Austria: None	Ireland: None	Spain OEL (TWA): None
Belgium (TWA): None	Ireland (TWA): None	Switzerland: None
Denmark: None	Italy OEL (TWA): None	United Kingdom: None

- Engineering measures: Ensure adequate ventilation, especially in confined areas.  
 Personal protective equipment: Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

- 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.  
 Odour: No information available.  
 Boiling point/range: °C No data available. °F No data available  
 Melting point/range: °C No data available. °F No data available  
 Flash point: °C No data available. °F No data available  
 Autoignition temperature: °C No data available. °F No data available  
 Oxidising 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.  
 Hazardous decomposition products: None under normal use.  
 Polymerisation: Hazardous polymerisation does not occur.

**11 TOXICOLOGICAL INFORMATION**

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

Chemical name	Acute toxicity: Not hazardous.		
	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LD50 (inhalation, rat, mouse)
IncuCyte™ pHrodo® Green <i>S. aureus</i> Bioparticles® for Phagocytosis	No data available	No data available	No data available

**Principle routes of exposure/potential health effects**

- Eyes: May cause eye irritation with susceptible persons.  
 Skin: May cause eye irritation with susceptible persons.  
 Inhalation: May be harmful by inhalation.  
 Ingestion: May be harmful by ingestion.  
 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.  
 Sensitisation: 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**      **International Inventories**

Chemical name	Complies							
	EINECS	ELINCS	ENCS	PICCS	AICS	KECL	DSL	NDSL
IncuCyte™ pHrodo® Green <i>S. aureus</i> Bioparticles® for Phagocytosis	-	-	-	-	-	-	-	-

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

Date of preparation: October 23, 2015  
 Revision date:  
 Reason for revision:

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

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**END OF SAFETY DATA SHEET**