



**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: Always wear recommended Personal Protective Equipment. No special handling advice required.  
 Storage: Keep in a dry, cool and well-ventilated place.

**8 EXPOSURE CONTROLS/  
PERSONAL PROTECTION**

**Lists OSHA's Permissible Exposure Limits (PELs); ACGIH Threshold Limit Values (TLVs); and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the SDS where available as well as appropriate engineering controls; personal protective equipment (PPE).**

Chemical name	OSHA PEL	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
IncuCyte™ pHrodo® Red <i>E. coli</i> Bioparticles® for Phagocytosis	None	None	None	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.  
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

Chemical name	Acute toxicity: Not hazardous.		
	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LD50 (inhalation, rat, mouse)
IncuCyt™ pHrodo® Red <i>E. coli</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.  
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	TSCA
IncuCyte™ pHrodo® Red <i>E. coli</i> 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**

Chemical name	Massachusetts RTK	New Jersey RTK	Pennsylvania RTK	Illinois RTK	Rhode Island RTK
IncuCyte™ pHrodo® Red <i>E. coli</i> Bioparticles® for Phagocytosis	-	-	-	-	-

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:

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

**END OF SAFETY DATA SHEET**