IncuCyte® CytoLight Rapid Red Reagent

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

| Product code: | Cat. No. 4706 |
| Product name: | IncuCyte® CytoLight Rapid Red Reagent |
| Unit size: | 5 vials for 100–1,000 tests |
| Manufacturer/supplier: | Essen BioScience Inc. |
| | 300 West Morgan Road |
| | Ann Arbor |
| | MI 48108 |
| | USA |

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

2 HAZARD(S) IDENTIFICATION
Includes all hazards regarding the chemical; required label elements.

GHS - Classification

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

Hazard Statements

None

Precautionary Statements

None

Principle routes of exposure/Potential health effects

- Eyes: Mild eye irritation in susceptible persons.
- Skin: Mild skin irritation.
- Inhalation: May be harmful by inhalation.
- Ingestion: Ingestion May be harmful if swallowed.

Specific effects

- Carcinogenic effects: No information available.
- Mutagenic effects: No information available.
- Reproductive toxicity: No information available.
- Sensitization: Not applicable.
- Target organ effects: No known effects under normal use conditions.
- HMIS: Health=0. Flammability=0. Reactivity=0.

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>EINECS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>IncuCyte® CytoLight Rapid Red Reagent</td>
<td>NONE</td>
<td>–</td>
<td>60–100</td>
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</tbody>
</table>
4 FIRST-AID MEASURES

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

Skin contact: Wash off immediately with plenty of water. If symptoms occur, obtain medical advice.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if necessary.

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.


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: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Use personal protection equipment. Avoid breathing vapors, mist or gas.

Methods for cleaning up: Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. See Section 12 for more information.

7 HANDLING AND STORAGE

Lists precautions for safe handling and storage, including incompatibilities.

Handling: Avoid contact with skin and eyes. Always wear recommended Personal Protective Equipment. Avoid inhalation of vapor or mist. Avoid direct contact with substance.

Storage: Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Do not store near combustible materials. Keep in properly labeled containers.

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).

<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® CytoLight Rapid Red Reagent</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

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.

Environmental exposure controls: Prevent product from entering drains.
9 PHYSICAL AND CHEMICAL PROPERTIES

Lists the chemical’s characteristics.

General information

- **Form:** Solid.
- **Appearance:** No information available.
- **Odor:** No data available.
- **Odor threshold:** No data available.
- **Boiling point/range:** No data available.
- **Melting point/range:** No data available.
- **Flash point:** No data available.
- **Autoignition temperature:** No data available.
- **Oxidizing properties:** No information available.
- **Water solubility:** Low.
- **Upper explosion limit:** No data available.
- **Lower explosion limit:** No data available.
- **Viscosity:** No data available.
- **pH range:** No data available.

10 STABILITY AND REACTIVITY

Lists chemical stability and possibility of hazardous reactions.

- **Stability:** Stable under normal conditions.
- **Materials to avoid:** No data available.
- **Hazardous decomposition products:** Hazardous decomposition products formed under fire conditions. Sulphur oxides. Carbon oxides.
- **Polymerization:** Hazardous polymerization does not occur.

11 TOXICOLOGICAL INFORMATION

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

### Acute toxicity

<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>IncuCyte® CytoLight Rapid Red Reagent</td>
<td>No data available</td>
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</table>

### Principle routes of exposure/potential health effects

- **Eyes:** Mild eye irritation in susceptible persons.
- **Skin:** Mild skin irritation in susceptible persons.
- **Inhalation:** No information available.
- **Ingestion:** No information available.
- **Carcinogenic effects:** None.
- **Mutagenic effects:** None.
- **Reproductive toxicity:** None.
- **Sensitization:** May cause sensitization in susceptible persons.
12 ECOLOGICAL INFORMATION  List chemical's impact on the environment.

| Ecotoxicity effects: | No information available. |
| Mobility: | No information available. |
| Biodegradation: | No information available. |
| Bioaccumulation: | No information available. |

13 DISPOSAL CONSIDERATIONS  Prevent product from entering drains. Dispose of in accordance with local regulations.

Dispose of contents/containers in accordance with local regulations.

14 TRANSPORT INFORMATION  IATA.

Proper shipping name: No dangerous good in sense of these transport regulations.
Hazard class: None.
Subsidiary class: None.
Packing group: None.
UN-No: None.

15 REGULATORY INFORMATION  Lists federal and state regulations.

<table>
<thead>
<tr>
<th>Component</th>
<th>TSCA</th>
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<tr>
<td>IncuCyte® CytoLight Rapid Red Reagent</td>
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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

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

<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>
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</tr>
<tr>
<td>California Proposition 65:</td>
<td>This product does not contain any Proposition 65 chemicals. Non-controlled.</td>
<td>This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.</td>
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OTHER INFORMATION

Includes the date of preparation or last revision.

Date of preparation: May 26, 2017
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