



# SAFETY DATA SHEET

GIARDIA CEL IFA

Section 5 Office Use Only  
Doc. No.: 5109.02-06  
Giardia CEL SDS  
Issue Date: 17/10/2016  
Authorised By: DDH

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## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product name:** Giardia CEL IFA Kit (50T) (Components: Reagent, Positive Control & Mounting Fluid)

**Product code:** KG1

**Components Code:** (RG1, G & RMG)

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Use of substance / mixture:** Direct Immunofluorescence assay (IFA) for the detection of *Giardia cysts*. This product is intended for IN VITRO diagnostic use only.

### 1.3. Details of the supplier of the safety data sheet

#### Company Details

Celllabs Pty Ltd  
7/27 Dale Street  
Brookvale 2100  
NSW, Australia

#### Contact Details

Telephone: +61 2 9905 0133  
Fax: +61 2 9905 6426  
email: [admin@celllabs.com.au](mailto:admin@celllabs.com.au)

### 1.4. Emergency telephone number

**Emergency tel:** + 61 2 9905 0133 (office hours only)

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under GHS, 1272/2008 EC Regulation and CLP:**

The mixture contained in the reagent (RG1) has no classification under CLP, however the mixture contains the following substances listed in Section 3.1 below the limit concentrations as described under the GHS. The mixture therefore is classified **NON HAZARDOUS**.

All other components listed in Section 1.1 are not classified in CLP.

**IMPORTANT for TRANSPORT : NOTE THAT THE CONCENTRATIONS OF CLASSIFIED SOLUTIONS ARE VERY LOW, WITHIN ACCEPTABLE LIMITS. SEE TRANSPORT INFORMATION IN SECTION 14.**

### 2.2. Label elements

**Label elements:** GHS

**Hazard Pictograms:** N/A

**Signal Word** N/A

**Hazard statement(s):** None applicable for the mixture and other kit components.

**Precautionary statements:** P201: Obtain special instructions before use P102: Keep out of reach of children.  
P202: Do not handle until safety precautions have been read and understood  
P234: Keep only in original container. P281: Use personal protective equipment  
P273: Avoid release to the environment P260: Do not get in eyes, skin or on clothing  
P401: Store at 2-8oC P264: Wash skin thoroughly after handling  
P308 + P313 + P314: If exposed or concerned, get medical advice/attention  
P301 + P310 + P330: IF swallowed, immediately call a POISON CENTRE or



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doctor/physician

P302 + 352 + P314: IF on skin wash with plenty of water. Get medical advice if you feel unwell.

P501: Dispose of contents/container to an approved waste disposal plant.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.1. Substances

**Chemical identity:** Giardia CEL Reagent (RG1)

<b>Giardia CEL Reagent (RG1) contained in Giardia CEL IFA kit</b>			
CAS No.	EC No.	Chemical Name	Concentration
314-13-6	206-242-5	Evans Blue	0.005%
26628-22-8	247-852-1	Sodium Azide	<0.1%

**Contains:** Contains no hazardous substances in reportable quantities under the CLP.

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists, seek medical advice/attention.

**Ingestion:** Do not induce vomiting. Wash mouth with water and give plenty of water to drink immediately. Obtain medical attention if necessary and show label on container.

**Inhalation:** Irritation is unlikely to occur but in the event of discomfort, provide plenty of fresh air and if necessary seek medical assistance.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.



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## 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** No known specific hazards

## 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Do not enter fire without proper protective equipment, including respiratory protection.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of MSDS for personal protection details.

Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** For small spills, clean up with paper/cloth, or mop up, and dispose of safely.

Clean area of spillage down with plenty of water.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of MSDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** No special requirements.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in original container between 2°C and 8°C. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** N/A.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.



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**Eye protection:** Use eye protection eg. Safety glasses

**Skin protection:** Protective clothing as per good laboratory practices. Eg. Laboratory coat, enclosed shoes

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Blue

**Odour:** Odourless

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** >35

**Flash point°C:** >93

**Vapour pressure:** No data available.

**pH:** 7.2

**Melting point/range°C:** No data available.

**Autoflammability°C:** No data available.

**Relative density:** 1.0

### 9.2 Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** No known specific conditions to avoid

### 10.5. Incompatible materials

**Materials to avoid:** None known.

### 10.6. Hazardous decomposition products

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicity values:** No data available.

### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.



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**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available for reagent solution although Sodium Azide is toxic to fish at mortality LC50 – *Pimephales promelas* – 5.46m/L 96 h(OECD Test Guideline 203). Toxic to algae at static test EC50 – *Pseudokirchneriella subcapitata* – 0.35 mg/L 96 h (OECD Test Guideline 201)

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Dispose of in accordance with current legislation and local authority regulation. Comply with local waste disposal regulations.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** N/A

### 14.2. UN proper shipping name

**Shipping name:** This product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID) Non-hardous for rail/road, sea and air transport

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards



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**Environmentally hazardous:** possible hazards

**Marine pollutant:** Yes

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Specific regulations:** Standard for the Uniform Scheduling of Medicines and Poisons  
GHS, REACH, ECHA, 1272/2008 CLP Regulation

### 15.2. Chemical Safety Assessment

This product is labelled as follows: Giardia CEL IFA  
Danger Classification: Contains Evans Blue & Sodum Azide in quantities below the limit concentrations.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.