



SAFETY DATA SHEET
CRYPTO CEL REAGENT IFA

Section 5 Office Use Only
Doc. No.: 5109-01R.04
Crypto Cel REAGENT SDS
Issue Date: 6/12/2021
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: Crypto CEL IFA REAGENT (5mL)	Product code:
Crypto CEL Reagent (Standard)	RR1
Crypto CEL Reagent (No Evans Blue)	RR1N
Crypto CEL Reagent FAST (with Evans Blue)	RR1F
Crypto CEL Reagent FAST (No Evans Blue)	RR1FN
Crypto CEL Reagent Concentrate (No Evans Blue)	RR1C

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 *Cryptosporidium* oocyst. 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@cellabs.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:

Cryptosporidium (Product code: RR1) Reagent: Monoclonal antibody coupled with fluorescent label in aqueous solution.

The mixture contained in the reagent (RR1) has no classification under CLP, however the mixture contains the substances listed in Section 3.1 below the limit concentrations as described under the GHS. The mixture is therefore classified as **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 BELOW LIMIT CONCENTRATIONS. SEE TRANSPORT INFORMATION IN SECTION 14.

2.2. Label elements

Label elements: GHS
Hazard Pictograms: N/A
Signal Word N/A
Hazard statement(s): No hazard statements applicable for the mixture



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Precautionary statements:

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 doctor/physician
P302 + 352 + P314: IF on skin wash with plenty of water. Get medical advise 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: Crypto Cel Reagent with Evans Blue

Crypto Cel Reagent			
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%

Chemical identity: Crypto CEL Reagent without Evans Blue and Concentrate formulations

Crypto Cel Reagent – without Evans Blue			
CAS No.	EC No.	Chemical Name	Concentration
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.



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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.

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



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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.

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 (with Evans Blue), Clear (without EB, concentrate)
Odour:	Odourless	Solubility in Water:	Soluble
Viscosity:	Non-viscous	pH:	7.2
Boiling point/range°C:	>35	Melting point/range°C:	No data available
Flash point °C:	>93	Autoflammability°C:	No data available
Vapour pressure:	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



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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.

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-hazardous for rail/road, sea and air transport



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14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

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: Crypto CEL Reagent
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.