



MATERIAL SAFETY DATA SHEET

Compiled According to Directive 91/155/EEC and Amendments

1. PRODUCT AND COMPANY INFORMATION

Product Name: GIARDIA CELISA
Product Code: KG2
Intended Use: 96 Test enzyme immunoassay for the detection of *Giardia* cysts from faecal specimens. For professional use only.

Manufacturer: CELLABS PTY LTD
Address: UNIT 7, 27 DALE STREET, BROOKVALE, NSW, 2100 AUSTRALIA
Emergency Telephone: +61 2 9905 0133 (available Mon-Fri 8.30am to 5pm Australian Eastern Time)
Telephone: +61 2 9905 0133
Fax: +61 2 9905 6426

European Authorised Representative: MDCI Ltd
Address: ARUNDEL HOUSE, 1 LIVERPOOL GARDENS, WORTHING, WEST SUSSEX BN11 1SL, UNITED KINGDOM
Emergency Telephone: +44 1293 429608 (available Mon-Fri 8.30am to 5pm GMT, 24 hour answering machine service)
Telephone: +44 1293 429608
Fax: +44 1293 519121

2. COMPOSITION

Substances present in this product which may present a health hazard:

Wash Buffer Concentrate (20x)		GWB			
CAS No.	EC No.	Chemical Name	Concentration	Symbol	R-Phrases
54-64-8	200-210-4	Thimerosal	0.2%	T+	R26/27/28-3-50-53

Stopping Solution		GSS			
CAS No.	EC No.	Chemical Name	Concentration	Symbol	R-Phrases
7664-93-9	231-639-5	Sulphuric Acid	6%	C	R35

3. HAZARDS IDENTIFICATION

Wash Buffer

Designation on Hazard: Harmful (Xn), Dangerous for the Environment (N)

Special Information on Hazards Concerning Man and the Environment:

R26/27/28 Very toxic by inhalation, in contact with skin and if swallowed.

R33 Danger of cumulative effects.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Stopping Solution

Designation on Hazard: Corrosive (C)

Special Information on Hazards Concerning Man and the Environment:

R34 Causes burns.

R41 Risk of serious damage to eyes.



4. FIRST AID MEASURES

Wash Buffer Concentrate (20x) GWB

- General Information:** In case of accident or if you feel unwell seek medical advice immediately.
- After Inhalation:** Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.
- After Eye Contact:** In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Seek immediate medical attention.
- After Skin Contact:** In case of contact, immediately flush area with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Seek immediate medical attention.
- After Ingestion:** If swallowed, wash out mouth with water provided the person is conscious. Seek immediate medical attention.

Stopping Solution GSS

- General Information:** In case of accident or if you feel unwell seek medical advice immediately.
- After Inhalation:** Remove from exposure, rest and keep warm. In severe cases, or if exposure has been great, obtain medical attention immediately.
- After Eye Contact:** Hold eyes open, flood with water for at least 15 minutes. Seek immediate medical attention.
- After Skin Contact:** Drench the skin thoroughly with water. Remove contaminated clothing and wash before re-use. Dab with polyethylene glycol 400. Unless contact has been slight, seek immediate medical attention.
- After Ingestion:** If swallowed, wash out mouth thoroughly with water and give plenty of water to drink. Seek immediate medical attention. Contact a doctor or poisons information centre.

5. FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** Water spray, carbon dioxide, dry chemical powder, or appropriate foam.
- Special Protective Equipment for Fire-fighters:** Wear protective clothing to prevent contact with skin and eyes and by inhalation.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Wear appropriate protective clothing such as respirator (when vapours/aerosols are generated), eye protection, Nitrile gloves and a laboratory coat.
- Environmental Precautions:** The stopping solution must not be allowed to enter soil or water. A harmful effect on aquatic organisms can not be excluded in the event of improper handling or disposal.
- Methods for Cleaning Up:** Rinse out containers thoroughly before disposal or recycling. Absorb with paper towel (or other appropriate absorbing media) and hold for waste disposal. Wash spillage area with water to remove any residue.

7. HANDLING AND STORAGE

- Handling:** Read the product insert. Always follow good laboratory practices when using this product. Wear appropriate protective clothing.
- Storage:** Store at 2-8°C away from direct sunlight.
- Specific Use:** 96 Test enzyme immunoassay for the detection of *Giardia* cysts from faecal specimens. For professional use only.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:	Do not inhale. No specific protection is required.
Hand Protection:	Wear Latex or Nitrile gloves.
Eye Protection:	Wear safety glasses/goggles to prevent against splash of liquids.
Skin Protection:	Wear a laboratory coat and enclosed shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Wash Buffer Concentrate (20x)

Appearance:	Clear, colourless liquid
Odour:	No odour
pH:	7.0 ± 0.5
Solubility:	Water soluble

No other information is available on the product within the meaning of Directive 67/548/EEC.

Stopping Solution

Appearance:	Clear, colourless liquid
Odour:	No odour
pH:	<1.0
Solubility:	Water soluble

No other information is available on the product within the meaning of Directive 67/548/EEC.

10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions (see section 7)

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure:	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.
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12. ECOLOGICAL INFORMATION

There is no data available on this product. The product components should not be allowed to enter drains or water courses. If this occurs, flush the area with copious amounts of water to dilute.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses. Wastes and empty containers should be held for appropriate waste disposal.

14. TRANSPORT INFORMATION

Road (ADR):	Not subjected to regulation as package sizes below limited quantities described (ADR 2005).
Sea Transport (IMDG):	Non examined regulation.
Air Transport (IATA):	Exempted from the marking, labeling and documentation requirements of these Regulations when shipped below limited quantities described (IATA DGR 2005).

If shipped in quantities greater than those described in the Regulation the following information applies:

UN Number: UN2796

Class: 8

Proper Shipping Name: Sulphuric acid



Packing Group: II

Air Transport (IATA):

Marine Pollutant: Do not allow into drains or water courses.

Other Applicable Information: 6% Sulphuric acid present in the Stopping Solution.

15. REGULATORY INFORMATION

Wash Buffer Concentrate (20x) **GWB**

This product is labeled as follows: Xn, N

Danger Classification: Harmful, Dangerous for the Environment

Contains: Thimerosal

R-Phrases:
R26/27/28 Very toxic by inhalation, in contact with skin and if swallowed.
R33 Danger of cumulative effects.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-Phrases:
S13 Keep away from food, drink and animal feedingstuffs.
S28 After contact with skin, wash immediately with plenty of water.
S36 Wear suitable protective clothing.
S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).
S60 This material and its container must be disposed of as hazardous waste.
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Stopping Solution **GSS**

This product is labeled as follows: C

Danger Classification: Corrosive

Contains: Sulphuric Acid

R-Phrases:
R34 Causes burns.
R41 Risk of serious damage to eyes.

S-Phrases:
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S30 Never add water to this product.
S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

16. FURTHER INFORMATION

This product is intended for professional scientific use only. Please read the product insert for the instructions for use.

Thorough investigation of this product has not been undertaken. The above information and recommendations are believed to be correct as of the date of this Material Safety Data Sheet but shall not be taken to be all inclusive and shall only be used as a guide. All chemicals and preparations may present unknown hazards and should be used with caution. Celllabs shall not be held liable for any damage resulting from handling or contact with the above product.