



Peroxide Solution

MATERIAL SAFETY DATA SHEET

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IMPORTANT NOTICE This Material Safety Data Sheet (MSDS) is prepared by CSL Limited in accordance with the Australian National Occupational Health & Safety Commission National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2011(2003)]. The information contained herein must not be altered or deleted. Additional information may be appended to the MSDS, but it must be marked clearly to indicate that it is not part of the original.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name Peroxide Solution (component of Snake Venom Detection Kit)

Other Names Not applicable

Manufacturer's Product Code 21330400L (03100201 - Snake Venom Detection Kit)

Use Substrate for Horseradish Peroxidase. Component in Snake Venom Detection Kit.
For *in vitro* diagnostic use only.

Supplier Name CSL Limited (ABN 99 051 588 348)

Address 45 Poplar Road, Parkville, Victoria 3052, Australia

Telephone +61 03 9389 1911

Emergency Telephone 03 9389 1984 (24hr)

2. HAZARDS IDENTIFICATION

Not classified as hazardous according to the criteria of SWA
Not classified as a dangerous good by the criteria of the ADG Code

3. COMPOSITION/INFORMATION ON INGREDIENTS

<i>Chemical Name:</i>	<i>CAS number:</i>	<i>Proportion:</i>
Citric Acid Monohydrate	5949-29-1	<2%
Disodium Hydrogen Orthophosphate	7558-79-4	<2%
Hydrogen Peroxide	7722-84-1	<1%
Distilled water	-	up to 100%

4. FIRST AID MEASURES

Eye Flush with water for at least 15 minutes. If symptoms persist seek medical attention.

Swallowed DO NOT INDUCE VOMITING. Wash out mouth with water and give water to drink. If symptoms persist seek medical attention.

Skin Remove contaminated clothing. Wash affected area with soap and water for at least 15 minutes. If symptoms persist seek medical attention.

Inhaled Remove to fresh air. Give oxygen if breathing is difficult and seek medical attention.

First Aid Facilities Ensure water is available at point of use.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Fire/Explosion Hazard Toxic gases may be emitted from fires involving this product and its packaging, therefore self-contained breathing apparatus and full protective equipment are recommended for fire fighters. Where possible, contain and collect fire-fighting water for later disposal.

Fire Extinguishing Media

- Dry powder
- CO₂
- Foam

Hazchem Code None allocated

6. ACCIDENTAL RELEASE MEASURES

Minor Spills

- Wear protective gloves and safety glasses.
- Soak up spills with absorbent material i.e. paper towels or vermiculite.
- Place spilled material in clean, dry, sealed container for disposal.
- Wash area with copious amounts of water.

Major Spills

- Wear protective gloves and safety glasses.
- Contain and absorb spills using earth, sand or inert absorbent.
- Prevent material entering open drains and waterways.
- Collect residues and seal in labelled drums for disposal.
- Wash area with copious amounts of water.

7. HANDLING AND STORAGE

- Provide sufficient absorbent material for potential spillage due to damage to transport container.
- Transport and store at 2 to 8 degrees C.
- Store away from acids, alkalis and combustibles.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards No exposure limits set by NOHSC or ACGIH

Engineering Controls None under normal operating conditions.

Personal Protection Protective gloves and safety glasses must be worn when handling this product. Do not pipette by mouth.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information, consult your Occupational Health and Safety Adviser.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear solution.

Odour Odourless

pH 4.1-4.5

Boiling Point/Melting Point As for water.

Vapour Pressure	As for water (3.17kPa at 25° C)
Vapour Density	Not determined
Specific Gravity	1
Flashpoint	Not determined
Flammability Limits	Not determined
Solubility in Water	Aqueous solution

10. STABILITY AND REACTIVITY

Reactivity Store away from acids, alkalis and combustibles.

Stability Stable under anticipated storage and handling conditions (refer section 7).

Decomposition Products None known.

11. TOXICOLOGICAL INFORMATION

Eye May cause irritation.

Swallowed May be harmful if swallowed.

Skin May cause irritation.

Inhaled Not an expected route of exposure.

Chronic Health Effects No chronic health effects known.

12. ECOLOGICAL INFORMATION

- No data available.
 - For good environmental practice avoid discharge to waterways.
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13. DISPOSAL CONSIDERATIONS

- In accordance with state land and waste management authority.
 - Dispose via a licensed waste facility.
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14. TRANSPORT INFORMATION

UN Number	None allocated
DG Class	None allocated
Subsidiary Risk	None allocated
Packing Group	None allocated
Hazchem Code	None allocated

15. REGULATORY INFORMATION

Poisons Schedule Number Not scheduled

16. OTHER INFORMATION

Last Revised 2 August 2010

Reason for Revision – Updated NOHSC to SWA.
– 5 Yearly update.

Abbreviations

SWA – Safe Work Australia
NOHSC – National Occupational Health and Safety Commission
ADG Code – Australian Dangerous Goods Code
UN Number – United Nations Number
DG Class – Dangerous Goods Class
CAS Number – Chemical Abstract Service Number

Contact Point

Company Contact: +61 3 9389 1984 (24hr)
Australian Poisons Information Centre, 24 hour service: 13 11 26
Australian Police, Fire Brigade or Ambulance: 000

New Zealand Poisons Information Centre, 24 hour service: (03) 4747 000
New Zealand Police, Fire Brigade or Ambulance: 111

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