

Chromogen Solution

SAFETY DATA SHEET

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IMPORTANT NOTICE This Safety Data Sheet (SDS) is prepared by Seqirus Pty. Ltd. in accordance with Safe Work Australia National Code of Practice for the Preparation of Safety Data Sheets (February 2016). The information contained herein must not be altered or deleted. Additional information may be appended to the SDS, 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 Chromogen Solution (component of Snake Venom Detection Kit)

Other Names Not applicable

Manufacturer's Product Code 21320400L (03100201 - Snake Venom Detection Kit)

Use Colour indicator used in Snake Venom Detection Kit. For *in vitro* diagnostic use only.

Supplier Name Seqirus Pty Ltd (ABN 26 160 735 035)

Address 63 Poplar Road, Parkville, Victoria 3052, Australia

Telephone +61 3 9389 2000

Emergency Telephone +61 3 9389 1984 (24hr)

2. HAZARDS IDENTIFICATION

Classified as a hazardous chemical according to the Australian WHS Regulations

GHS Classification Toxic to Reproduction – category 1A, 1B
Skin Corrosion / Irritation – category 2
Serious eye damage / irritation – category 2A
Acute Toxicity – Dermal – category 4
Acute Toxicity – Inhalation – category 4

Signal Word DANGER

Pictogram(s)



Hazard Statement(s) H360 May damage fertility or the unborn child
H312 Harmful in contact with skin
H315 Causes skin irritation
H319 Causes serious eye irritation
H332 Harmful if inhaled

Prevention Statement(s)	P201 Obtain special instructions before use P202 Do not handle until all safety precautions have been read and understood P280 Wear protective gloves/ protective clothing. P264 Wash thoroughly after handling P261 Avoid breathing vapours.
Response Statement(s)	P308 + P313 If exposed or concerned: Get medical advice / attention P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/attention. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P332 + P313 If skin irritation occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Storage Statement(s)	P405 Store locked up
Disposal Statement(s)	P501 Dispose of contents and/or container in accordance with State / Territory Regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

<i>Chemical Name:</i>	<i>CAS number:</i>	<i>Proportion:</i>
Dimethyl formamide	68-12-2	25%
Citric Acid Monohydrate	5949-29-1	<1%
Di-sodium Hydrogen Orthophosphate	7558-79-4	<1%
3,3',5,5' Tetramethylbenzidine	54827-17-7	<1%
Distilled water	-	up to 100%

4. FIRST AID MEASURES

Eye Immediately flush with lukewarm gently flowing water for 20 minutes, by the clock, holding the eyelid(s) open. If irritation persists seek immediate medical attention.

Swallowed Seek immediate medical attention. If more than 15 minutes from hospital, induce vomiting, preferably using Ipecac, APF.

Skin Remove contaminated clothing. Immediately flush affected area with lukewarm gently flowing water for at least 20 minutes, by the clock. If irritation persists seek immediate medical attention.

Completely decontaminate clothing, shoes and leather goods before re-use or discard.

Inhaled Move victim to fresh air. Seek immediate 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 Hazardous fumes may be emitted from fire involving this product therefore self-contained breathing apparatus and full protective equipment is recommended for fire fighters. Do not allow fire-fighting run-off to enter open drains or sewer.

Fire Extinguishing Media

- Foam
- Dry chemical
- Carbon dioxide

Hazchem Code None allocated

6. ACCIDENTAL RELEASE MEASURES

Spills

- Wear protective gloves (butyl rubber), respiratory protection from vapour and chemical safety goggles.
- Do not allow material to enter open drains or sewer.
- Contain and absorb spills using earth, sand or inert absorbent.
- Place spilled material in clean, dry, sealed container for disposal.
- Wash area with copious amounts of water.

7. HANDLING AND STORAGE

Transport and store at 2 to 8 degrees C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards Dimethyl formamide: TWA 10ppm or 30mg/m³ (Reference: SWA)

Engineering Controls Local exhaust ventilation required.

Personal Protection Wear protective gloves (butyl rubber) and chemical goggles when handling this product.
If a inhalation risk exists, wear an organic vapour respirator.
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	4.8-5.2
Boiling Point/Melting Point	Not determined
Vapour Pressure	Not determined
Vapour Density	Not determined
Specific Gravity	Not determined
Flashpoint	Not determined
Flammability Limits	Not determined
Solubility in Water	Aqueous solution

10. STABILITY AND REACTIVITY

Reactivity	Incompatible with strong oxidising agents, halogenated hydrocarbons.
Stability	Stable under anticipated storage and handling conditions (refer section 7).
Decomposition Products	Nitrous gases.

11. TOXICOLOGICAL INFORMATION

Eye	Irritating to the eyes.
Swallowed	Toxic if swallowed. Symptoms may include gastro-intestinal tract discomfort, vomiting and nausea. May cause harm to the unborn child.
Skin	Harmful in contact with skin.
Inhaled	Harmful if inhaled. May cause irritation of the respiratory tract
Chronic Health Effects	Prolonged or repeated over-exposure may cause liver, kidney and cardiovascular damage.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

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	S6- Classified as a Schedule 6 Poison using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
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16. OTHER INFORMATION

Last Revised 26 August 2016

Reason for Revision Change to Seqirus – A CSL Company
Update to GHS requirements

Abbreviations

SWA	–	Safe Work Australia
WHS	–	Work, Health and Safety
GHS	–	Globally Harmonised System
APF	–	Australian Pharmaceutical Formulary
ACGIH	–	American Conference of Governmental Industrial Hygienists.
ADG Code	–	Australian Dangerous Goods Code
UN Number	–	United Nations Number
DG Class	–	Dangerous Goods Class
CAS Number	–	Chemical Abstract Service Number
TWA	–	Time Weighted Average over 8 hrs

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:	0800 764 766
New Zealand Police, Fire Brigade or Ambulance:	111

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