

SAFETY DATA SHEET

SPILL CREW - EYE WASH PRESERVATIVE

Last updated: November 2022
Issued by: Spill Crew

1. Identification

Product name: Spill Crew Eye Wash preservative
Company name: Spill Crew Australia
Company address: 202 Settlement Road
Thomastown VIC 3074 AUSTRALIA
Tel/Fax number: Tel: 1300 485 000
Fax: (08) 9258 5833
Emergency tel: 1300 485 000
Email: sales@spillcrew.com.au
Recommended use: Eyewash preservative to preserve potable water in eyewash stations.

2. Hazard identification

Hazard classification: **GHS classification of the substance/mixture** - Classified as Hazardous according to the Globally Harmonised System of Classification (GHS) and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
Eye Damage/Irritation: Category 2A
Skin Irritation: Category 2

Signal Word(s)
WARNING

Hazard Statement(s)
H319 Causes serious eye irritation.
Concentrated solutions have been known to cause serious eye damage if not promptly rinsed from the eye.
H316: Causes mild skin irritation.
H303: May be harmful if swallowed.

Pictogram(s)
Exclamation mark



Precautionary statement – General

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.

Precautionary statement – Prevention

P264 Wash contaminated skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection when handling undiluted solution.



SAFETY DATA SHEET

SPILL CREW - EYE WASH PRESERVATIVE

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Precautionary statement – Response

GENERAL:

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.

3. Composition/information on ingredients

Ingredients

Name	CAS No:	Proportion
Chlorhexidine Gluconate (D-Gluconic acid compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidamide (2:1))	18472-51-0	1% w/w
Ingredients determined to be non-hazardous	-	Balance

4. First aid measures

First Aid Measures:	If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).
Eye contact:	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for at least 15 minutes or until advised to stop by the Poisons Information Centre or a Doctor. Seek medical attention.
Skin:	If skin or hair contact occurs, remove contaminated clothing and flush the affected area thoroughly with running water. If irritation occurs (swelling, redness or blistering) seek medical attention.
Inhaled:	If inhaled, remove affected person from exposure, whilst avoiding exposure by others. Remove contaminated clothing. Allow patient to assume the most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if the effects persist.
Ingestion:	Rinse mouth with water. If swallowed, do NOT induce vomiting. Provide a glass of water to drink. If vomiting occurs give additional water. Never give anything by mouth to an unconscious patient. Seek immediate medical attention.
First aid facilities:	Eyewash and normal washroom facilities.
Advice to doctor:	Treat symptomatically.
Other information:	For advice in an emergency, contact a Poisons Information Centre or a doctor immediately (13 11 26).
Protection for First Aiders:	Wear safety shoes, overalls, gloves and safety glasses when handling the undiluted product. Gloves made from nitrile rubber should be suitable for intermittent contact although the user should make an assessment based on the glove construction and local conditions. Always wash hands before eating, drinking, smoking or using the toilet. Wash protective equipment and contaminated clothing before storing or re-using.



SAFETY DATA SHEET

SPILL CREW - EYE WASH PRESERVATIVE

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5. Fire-fighting measures

Suitable extinguishing media:

If material is involved in a fire use water fog or a fine water spray, alcohol resistant foam, standard foam or dry agent (carbon dioxide, dry chemical powder).

Specific hazards arising from the chemical:

Non-combustible material.

Hazchem code:

Not applicable.

Other information:

Fire-fighting further advice: Not combustible, however following the evaporation of aqueous component the residual material can burn if ignited.

6. Accidental release measures

Clean-up Methods – Small Spillages:

Wear appropriate personal protective equipment and clothing to prevent skin and eye exposure. Avoid inhalation of vapours or dust. Slippery when spilt. Wipe up with absorbents, a clean rags or paper towel. Collect and seal in properly labelled containers or drums for disposal.

Clean-up Methods – Large Small Spillages:

Large spills are unlikely to occur due to the product packaging in 250mL bottles. If a large spill occurs clear the area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Increase ventilation. Contain (using spill containment equipment) to prevent run off into drains or water ways. Use granular absorbent or floor sweeps to absorb the spill. Collect and seal in properly labelled containers or drums for disposal. Dispose of waste according to the applicable local and national regulations. If contamination of crops, sewers or water ways occurs, inform the local water and waste management authorities and emergency services in accordance with local regulations.

Other information

Dangerous goods – Initial Emergency response guide no: Not applicable

7. Handling and storage

Precautions for safe handling:

Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation or vapour mist or aerosol. Wear appropriate personal protective equipment and clothing to prevent exposure. Handle and use the material in a well-ventilated area. Do not empty into drains.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well-ventilated area away from direct sunlight, foodstuffs, and clothing. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep containers standing upright, closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.



SAFETY DATA SHEET

SPILL CREW - EYE WASH PRESERVATIVE

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Other Information: This material is a Scheduled Poison Schedule 5 (Caution) and must be stored, maintained and used in accordance with the relevant regulations.

8. Exposure controls/personal protection

Occupational exposure limit values:

No exposure value assigned for this specific material by Safe Work Australia.

Biological Limit Values:

The ingredients in this material do not have a Biological Limit allocated as per the National Model Regulations for the Control of Workplace Hazardous Substances, Safe Work Australia.

Appropriate engineering controls:

Provide sufficient natural ventilation. Natural ventilation should be adequate under normal use conditions.

Personal Protective Equipment (PPE):

Safety shoes, overalls, gloves and safety glasses should be worn when handling the product, before diluting. PPE must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to Australian/New Zealand Standard AS/NZS 1337 – Eye Protectors for Industrial Applications. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact however, due to variations in glove construction and local conditions, the user should make a final assessment. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene Measures:

Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical and chemical properties

Appearance:	Clear liquid
Colour:	Colourless
Odour:	Odourless
Specific gravity:	1.007
Solubility in water:	Soluble
pH:	5.0 – 7.0
Vapour pressure (mmHg):	Not available
Vapour density (Air=1):	>1
Viscosity:	Not available



SAFETY DATA SHEET

SPILL CREW - EYE WASH PRESERVATIVE

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Melting point:	Not available
Boiling point:	Not available
Auto-ignition temperature:	Not available
Flammability:	None
Flammability/Explosive Limits:	None
Volatile component Total VOC (g/Litre):	Not available
Other information:	Typical values only – consult specification sheet

10. Stability and reactivity

Chemical stability:	This material is thermally stable when stored and used as directed.
Conditions to avoid:	Elevated temperatures, heat, open flames and other sources of ignition.
Incompatible materials:	Oxidising agents.
Hazardous decomposition products:	Oxides of carbon and nitrogen, smoke and other toxic fumes.
Possibility of hazardous reactions:	No known hazardous reactions.

11. Toxicological information

Toxicology information:	No adverse health effects expected if the product is handled in accordance with the product label and this Safety Data Sheet. Symptoms that may occur if overexposure occurs are:
Toxicity - Ingestion:	Classified as non-hazardous. Acute toxicity estimate (based on ingredients): LD50 2g/kg bw. Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
Toxicity - Inhalation:	Classified as non-hazardous. Acute toxicity estimate (based on ingredients): LC50 > 20.0mg/L for vapours or LC50 > 5.0 mg/L for dust and mist or LC50 > 20,000 ppm for gas. Material may be an irritant to mucous membranes and the respiratory tract.
Toxicity - Skin:	Classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000mg/kg bw. Contact with the skin may result in irritation.
Eye:	Causes eye irritation. This material has been classified as a Category 2A Hazard (reversible effects to eyes). On eye contact this product will cause tearing, stinging, blurred vision and redness.
Skin corrosion/ irritation	This material has been classified as not corrosive to the skin.
Respiratory sensitisation:	Not expected to be a respiratory sensitiser.
Skin sensitisation:	Not expected to be a skin sensitiser.
Germ cell mutagenicity:	Not expected to be mutagenic hazard.
Carcinogenicity:	Not considered to be a carcinogenic hazard.
Reproductive toxicity:	Not considered to be toxic to reproduction.
STOT-single exposure:	This material has been classified as non-hazardous.
STOT-repeated exposure:	Not expected to cause toxicity to a specific target organ.
Aspiration Hazard:	This material has been classified as non-hazardous.



SAFETY DATA SHEET

SPILL CREW - EYE WASH PRESERVATIVE

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12. Ecological information

Ecological information:	Avoid contaminating waterways, drains and sewers.
Acute aquatic hazard:	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100mg/L.
Long-term aquatic hazard:	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100mg/L. Not rapidly degradable with a bioconcentration factor (BCF) < 500 and a log Kow < 4, indicating that the substance has less potential to bio-concentrate in living organisms.
Ecotoxicity:	No information available.
Persistence and degradability:	No known hazardous degradable products.
Mobility:	No information available.
Bio accumulative potential:	No information available.

13. Disposal considerations

Disposal considerations: Dispose of waste according to applicable local, national and international regulations. Persons conducting waste disposal and recycling should wear appropriate personal protection equipment as outlined in Section 8 of this safety data sheet.

14. Transport information

Road and rail transport:

This material is not classified as Dangerous Goods by the criteria of the 'Australian Code for the Transport of Dangerous Goods by Road and Rail' and the 'New Zealand NZS5433: Transport of Dangerous Goods on Land'.

Marine Transport (IMDG):

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air transport (IATA):

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN number:	None allocated
UN proper shipping name:	None allocated
Transport hazard class(es):	None allocated
Hazchem code:	Not applicable
UN Number (Air transport, ICAO):	NCAD
IATA/ICAO Shipping Name:	Not dangerous for conveyance under IATA code
IMDG UN No:	NCAD
IMDG Shipping Name:	Not dangerous for conveyance under IMO/IMDG code



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15. Regulatory information

This material is covered by the following requirements:

Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as hazardous:

Eye Damage/Irritation: Category 2A

Skin Irritation: Category 2

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), established under the Therapeutic Goods Act (Commonwealth). All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS). Poisons Schedule: S5. Schedule 5 (S5) substances are chemicals that are toxic if misused. They must be stored to prevent access by children.

This material is NOT subject to the following international agreements:

- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)
- Basel Convention (Hazardous Waste)
- International Convention for the Prevention of Pollution from Ships (MARPOL)

16. Other information

Last revised: November 2022

SDS created: July 2022

All information contained in this Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet. Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Spill Crew Australia accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.

- End of SDS -