Part Number: ZESS200

Gravity Fed Eyewash Preservative Concentrate

SAFETY DATA SHEET

Section 1: Identification

Product Name: Portable Self-Contained Eyewash Station Presevative

Use(s): For eye irrigation

Manufacturer:
Germiphene Corporation
1379 Colbourne Street East,
Brantford
Ontario N3T 5M1
Canada

Phone: CANUTEC 613-996-6666

Section 2: Composition/Information on Ingredients

Classification of the substance or mixture
NON-HARDOUS CHEMICAL NON-DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

HSNO Classification Not Classified
GHS label elements
Signal word No signal word
Hazard statements No known significant effects or critical hazards

Date of Issue: 24/08/2016

Precautionary statements

General	Not applicable
Prevention	Not applicable
Response	Not applicable
Storage	Not applicable
Disposal	Not applicable
Supplemental label Elements	Not applicable

Section 3: Composition/Information on Ingredients

Chemical Entity

Name	CAS No.	% [Weight]
Chlorhexidene Gluconate	18472-51-0	1-10
Propylene Glycol	57-55-6	1-10
Purified Water	7732-18-5	>60

Section 4: First Aid Measures

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. DO NOT use mouth-to-mouth respiration.

Eye Contact: Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingertips. Seek medical attention.

Skin Contact: Flush with copious amounts of water for at least 15 minutes, remove contaminated clothing and shoes. If irritation continues after flushing seek medical attention.

Ingestion: If conscious and alert, rinse mouth and drink 2-4 cupfuls of water or milk. Seek medical attention. DO NOT induce vomiting.

Important Symptoms (acute or delayed) or Effects	Slight to moderate eye irritation. May cause skin irritation. May cause irritation of mucus membranes and the upper respiratory tract causing coughing and sneezing. Prolonged and repeated exposure to skin may cause irritation or dermatitis.

Section 5: Fire-Fighting Measures

Specific hazards:	Not flammable.
Suitable Extinguishing media:	Use foam, dry chemical or CO_2 extinguishers, water spray or water fog.
Hazards from Combustion Products:	None identified with this solution.
Precaution for Fire- Fighters and Special Protective Equipment:	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Water spray may also be used to cool down heat-exposed containers. If safe to do so, remove containers from path of fire.

Section 6: Accidental Release Measures

Emergency Procedures:	None to be expected.
Containment & Clean Up:	Contain and absorb with inert material e.g.: sand soil and sawdust. Do not allow into drains. Collect and seal in drums marked for disposal. Dispose of as permitted by local waste authority. For large spills, notify Emergency Services.

Section 7: Handling and Storage

Handling:	The bottle is opened by breaking the air vents, located at the top and bottom of the bottle (handle the bottles with care).
Storage:	The bottles should be kept in the specially designed eyewash stands. Store temperature +2°C to +35°C.
Shelf life:	3 years. Expiry date on bottle.

UV-Radiation: The bottles shelf life is shortened by UV-radiation.

Section 8: Exposure Controls/Personal Protection

The National Occupational Health & Safety Commisssion has assigned no value for this specific material. However exposure standards for the individual ingredients are listed below.

Exposure Ingredient Standards:	TLV TWA ppm	TWA mg/m^3	STEL ppm	STEL mg/m^3

This product does not contain any ingredients having an OEL

Controls: Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Respiratory Protection; Use NIOSH approved respirators when necessary.

Skin Protection: Wear suitable protective gloves and clothing.

Personal protection : Bottles with a clouded liquid should not be used

Section 9: Physical and Chemical Properties

Colour / Appearance:	Clear liquid, colourless to light yellow.
Odour:	Odourless
pH as supplied :	5.0 to 7.0
Boiling Point:	100°C
Melting Point:	No data available
Freezing Point:	N/A
Flash Point:	N/A
Evaporation Rate:	No data available
Upper/ Lower Flammability:	No data available
Vapour Pressure:	No data available
Vapour Density:	No data available
Solubility in water:	Infinitively soluble

Specific Gravity

(H2O=1) @22=/- 1°C 1.00 – 1.10g/ml

Partition coefficient: No data available

Viscosity: No data available

Section 10: Stability and Reactivity

Chemical Stability: stable under normal temperature and pressure.

Section 11: Toxicological Information

GHS Properties	**Classification**
Acute toxicity	UN GHS * Classification criteria not met
Skin corrosion / irritation	UN GHS * Classification criteria not met
Serious eye damage / irritation	UN GHS * Classification criteria not met
Respiratory or skin sensitisation	UN GHS * Classification criteria not met
Germ cell mutagenicity	UN GHS * Classification criteria not met
Carcinogenicity	UN GHS * Classification criteria not met
Reproductive toxicity	UN GHS * Classification criteria not met
Specific Target Organ Toxicity (STOT) – single exposure	UN GHS * Classification criteria not met
Specific Target Organ Toxicity (STOT) – repeated exposure	UN GHS * Classification criteria not met
Aspiration hazard	UN GHS * Classification criteria not met

Potential Health Effects

Inhalation

Acute (Immediate)	***** Under normal conditions of use, no health effects are expected
Chronic (Delayed)	***** Under normal conditions of use, no health effects are expected

Skin

Acute (Immediate)	***** Under normal conditions of use, no health effects are expected
Chronic (Delayed)	***** Under normal conditions of use, no health effects are expected

Eye

Acute (Immediate)	***** Under normal conditions of use, no health effects are expected
Chronic (Delayed)	***** Under normal conditions of use, no health effects are expected

Ingestion

Acute (Immediate)	***** Under normal conditions of use, no health effects are expected
Chronic (Delayed)	***** Under normal conditions of use, no health effects are expected

Other

Acute (Immediate)	***** Under normal conditions of use, no health effects are expected
Chronic (Delayed)	***** Under normal conditions of use, no health effects are expected

Section 12: Ecological Information

Ecotoxicity	***** No data available
Persistence and degradability	***** No data available
Biochemical potential	***** No data available
Mobility in Soil	***** No data available
Other adverse effects	***** No data available

Section 13: Disposal Information

Do not allow this material into drains or waterways. Seal in drums marked for disposal. Dispose of the material through a licensed waste contractor as per the local State/Territory Land Waste Management Authority. Empty containers may be recycled or crushed and sent to landfill.

Section 14: Transportation Information

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
Sea transport (IMDG –Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Section 15: Regulatory Information

All components of this material are listed in the Australian Inventory of Chemical Substances (AICS) as per the Industrial Chemicals (Notification & Assessment Act) 1989.

Section 16: Other Information

Revision Date: Wednesday, August 24, 2016

Disclaimer:

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End of SDS