



INSTALLATION, OPERATION & MAINTENANCE INSTRUCTIONS

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No. 2080222(14)

Model 9082 Sterile Antimicrobial Preservative Concentrate Eyewash Additive

TO ORDER MORE EYE WASH STATION PRESERVATIVE CONCENTRATE:

Contact your nearest Haws Representative or call Haws Customer Service at
1-888-640-4297, Sparks, Nevada.

WARNING:

1. MUST BE DILUTED WITH **POTABLE** WATER. DO NOT PUT DIRECTLY INTO EYES. Do not use if tamper evident twist-off top is broken or missing.
2. Contact with the eyes and mucosa can cause irritation, redness and pain.
3. **SEE PAGE 2 FOR SDS AND EMERGENCY CONTACT INFORMATION.**

Mixing Instructions

Follow instructions on the side of each bottle. Units with capacities of 5 gal - 20 gal (18.9 L – 75.7 L) should be mixed with the full 5 oz (148 ml) contained in each bottle. It is recommended that the tentative potable water be replaced every 90 days. (Water consumed in testing, should be replaced with clean potable water).

Storage Instructions

Product should be stored between 36° F - 104° F
(2° C - 40° C) and used between 59° F - 86° F
(15° C - 30° C). Use before expiration date.

SAFETY DATA SHEET

Section I Identification

| | | | | | |
|--|--|---|--|--|--|
| Identity: | 9082 Eyewash Additive Concentrate, Sterile | | | | |
| Manufacturer: 1527133 Ontario Limited | Emergency Telephone: | | | | |
| | | 1-905-901-3355 Mon – Fri 9 to 17:00 EST | | | |
| | EMERGENCY: | If swallowed get medical help or call your Poison Control Center right away | | | |

Section II Material Hazard(s) Identification Information

| Components (Chemical Names & Common Name) Hazardous Component 1% or greater, Carcinogens 0.1% or greater | CAS No. | % | OSHA PEL | ACGIH TLV | OTHER LIMITS |
|--|------------|------------|----------|-----------|--------------|
| Chlorhexidine Digluconate | 18472-51-0 | 0.9 - 5.1 | | | |
| Propylene Glycol | 57-55-6 | 9.0 - 21.0 | | | |

Section III Information on ingredients

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| COMMERCIAL NAME: 9082 Eyewash Additive Concentrate, Sterile |
| CHEMICAL NAME: |
| CHEMICAL FORMULA: 1, 6-Di-(N-p-Chlorophenyl diguanide) hexane digluconate (C ₂₂ H ₃₀ Cl ₂ N ₁₀ •2C ₆ H ₁₂ O ₇) |
| CHEMICAL FAMILY: Organic, cationic. |
| CODE: C249 |
| WHMIS CLASSIFICATION: N.A. |
| TDG CLASSIFICATION: N.A. |

Section IV Physical/ Chemical Characteristics

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|---------------------------|-------------------------------------|--|------|
| Physical State: | LIQUID | Specific Gravity (H ₂ O=1): | ≥1 |
| Boiling Point: | 100° C (212° F) | Melting Point: | N/A |
| Vapour Pressure (mm Hg): | N/A | Evaporation Rate (Water = 1): | ≥1 |
| Vapour Density (Air = 1): | Unknown | Water Reactive: | None |
| Solubility in Water: | Good | Percent Volatile: | N/A |
| Appearance and Odour: | Clear, Colourless Liquid, Odourless | | |

Section V First-aid measures and Health Hazard Data

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|--------------------------------|--|
| Emergency First Aid Procedure: | SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATION AND SUPPORT IF NECESSARY. |
| Eye Contact: | Flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists. |
| Skin Contact: | NORMALLY NOT REQUIRED. Flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists. |
| Inhalation: | NORMALLY NOT REQUIRED. Move into fresh air and keep at rest. |
| Ingestion: | Drink plenty of water. If uncomfortable, seek medical attention. |

Section VI Fire and Explosion Data

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|---|--|----------------------------|-----|-------|-----|
| Flash Point: | Non-Flammable | | | | |
| Flammability Limits in Air % by Volume: | N/A | | | | |
| Hazardous Combustion Products | Carbon monoxide and carbon dioxide can be produce. | | | | |
| Special Fire Fighting Procedure: | None | Auto Ignition temperature: | | | N/A |
| Unusual fire and Explosion Hazards: | None | LEL : | N/A | UEL : | N/A |

FIRE FIGHTING MEDIA

Use alcohol-resistant foam, carbon dioxide or chemical powders for small fires. For larger amounts (multiple packages / pallets) of product: Since toxic, corrosive or flammable vapours might be evolved from fires involving this product and associated pack

Section VII Accidental release Measures/ Leak procedure

| | |
|--|---|
| Step to be Taken of Material is Spilled or Released: | Ventilate area of leak or spill. Wipe with absorbent paper, use industrial cleaning compound. |
| Procedures for cleaning: | Clean affected area and dispose per local requirements. |

Section VIII Precaution For Safety Handling and Use

| | | | | | | |
|---|---|---|-------------|---|---------------------|---|
| Precaution to be Taken in Handling and Storage: | <p>READ LABEL BEFORE USING, Eyewash water preservative for refillable, self-contained, 5 gal - 20 gal (18.9 L – 75.7 L) eyewash equipment. ▲ CONCENTRATE MUST BE DILUTED WITH POTABLE WATER. DO NOT PUT DIRECTLY INTO EYES. Do not use if tamper evident</p> <p>Store at between 2° C and 40° C (36° F and 104° F) in a dry area. Avoid direct exposure to sunlight.</p> | | | | | |
| Other Precaution and/or Special Hazards: | READ LABEL OR INSTRUCTION BEFORE USING. | | | | | |
| HMIS Rating: Health:0 | Flammability: | 0 | Reactivity: | 0 | Personal protection | 0 |
| NFPA Rating: Health:0 | Flammability: | 0 | Reactivity: | 0 | Personal protection | 0 |

Section IX ExposureControl and Protective Measures

| | | | | | |
|--|--|-----------------|---------------------------------|----------|-----|
| Respiratory protection (Specify Type): | NONE | | | | |
| Protection Gloves: | Use gloves when handling | Eye Protection: | Avoid any contact with the eyes | | |
| Ventilation to be Used: | Local Exhaust: | N/A | | Special: | N/A |
| | Mechanical (General): | N/A | | Other: | N/A |
| Other protective Clothing and Equipment: | NOT REQUIRED | | | | |
| Hygienic Work Practices: | Use with care. ALWAYS READ LABEL OR INSTRUCTION BEFORE USE. Store: 2° C and 40° C (36° F and 104° F). Use: 15° C and 30° C (59° F and 86° F). | | | | |

| Section X Stability and Reactivity | | | | | |
|--|--|--------------------------------------|---------|---|---|
| Stability | Unstable: | No | | | |
| | Stable: | Yes, Stable under normal conditions. | | | |
| Incompatibility (Materials to Avoid): | Avoid strong oxidizing materials | | | | |
| Hazardous Decomposition Products: | N/A | | | | |
| Hazardous Polymerization May Occur: | May Occur: | No | | Conditions to Avoid: | |
| | May Not Occur: | Yes | | Direct Sunlight. Store: 2° C and 40° C (36° F and 104° F) | |
| READ LABEL OR INSTRUCTION BEFORE USING. | | | | | |
| Section XI Health Hazard Data (Toxicological) | | | | | |
| TOXICOLOGICAL INFORMATION | Chlorhexidine Digluconate Toxicity Data: ORL-RAT LD50: 5 G/KG Propylene Glycol Toxicity Data: ORL-RAT LD50: 5 G/KG practical | | | | |
| Health Hazard Data (Toxicological)- Potential Acute Health Effects | | | | | |
| Eye Contact: | Avoid any contact with the eyes ., May cause irritation | | | | |
| Skin Contact: | Prolonged and repeated exposure by application on the skin may cause a chronic skin irritation. | | | | |
| Inhalation: | MAY CAUSE DISCOMFORT | | | | |
| Ingestion: | MAY CAUSE STOMACH DISCOMFORT IF LARGE AMOUNT INGESTED. | | | | |
| Identity: | 9082 Eyewash Additive Concentrate, Sterile | | | | |
| Section XII Ecological Information | | | | | |
| Biological Degradation: | N/A | | | | |
| Behavior in Environmental compartments: | No bioaccumulation is to be expected | | | | |
| Further Ecologic data: | No ecological problems are to be expected when the product is handled and used with due care and attention | | | | |
| Section XIII Disposal Considerations | | | | | |
| Waste Disposal Methods: | IN ACCORDANCE WITH MUNICIPAL, STATE./PROVINCIAL AND FEDERAL REGULATION. | | | | |
| Section XIV Transport Information | | | | | |
| Not regulated: IATA, IMO, US Dept Transportation, TDG Regulations | | | | | |
| Section XV Regulatory Information | | | | | |
| Health Canada: not Drug regulated. FDA: Inactive Drug Ingredient 21CFR 207.10(e) compliant with §200.50, §330.1(a), & parts 210, 211 | | | | | |
| Labelling: Consumer Packaging & Labelling Regulations, USA: per 21 CFR 201.66 | | | | | |
| Section XVI Other Information | | | | | |
| Document Revision: | 00 | Date | 09 2014 | Supersedes: | 0 |



For more information about any Haws product please contact Modern Plant. Our team of experts are on call to answer all your questions and provide you with any advice.

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