



## 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:<br>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

|                                                                                                   |
|---------------------------------------------------------------------------------------------------|
| COMMERCIAL NAME: 9082 Eyewash Additive Concentrate, Sterile                                       |
| CHEMICAL NAME:                                                                                    |
| CHEMICAL FORMULA: 1, 6-Di-(N-p-Chlorophenyl diguanide) hexane digluconate (C22H30Cl2N10•2C6H12O7) |
| CHEMICAL FAMILY: Organic, cationic.                                                               |
| CODE: C249                                                                                        |
| WHMIS CLASSIFICATION: N.A.                                                                        |
| TDG CLASSIFICATION: N.A.                                                                          |

## Section IV Physical/ Chemical Characteristics

|                           |                                     |                                        |      |
|---------------------------|-------------------------------------|----------------------------------------|------|
| Physical State:           | LIQUID                              | Specific Gravity (H <sub>2</sub> 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

|                                |                                                                                                                          |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 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

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

READ LABEL OR INSTRUCTION BEFORE USING.

## Section XI Health Hazard Data (Toxicological)

|                           |                                                                                                                                                                                     |  |  |  |  |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| TOXICOLOGICAL INFORMATION | <p style="text-align: center;">Chlorhexidine Digluconate<br/> Toxicity Data: ORL-RAT LD50: 5 G/KG<br/> Propylene Glycol<br/> Toxicity Data: ORL-RAT LD50: 5 G/KG<br/> practical</p> |  |  |  |  |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|

## 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.                                          |  |  |  |  |
| <b>Identity:</b> | 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 |
|--------------------|----|------|---------|-------------|---|