



## INSTALLATION, OPERATION & MAINTENANCE INSTRUCTIONS

1455 Kleppe Lane ♦ Sparks, NV 89431-6467 ♦ (775) 359-4712 ♦ Fax (775) 359-7424  
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No. 2080222(11)

# Model 9082 Portable Self-Contained Eyewash Station Preservative Concentrate

### 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:

**DO NOT APPLY THIS PRODUCT DIRECTLY ON THE EYES  
AS THIS MAY CAUSE IRRITATION, VISION IMPAIRMENT OR PERMANENT DAMAGE WHEN  
EYES ARE EXPOSED TO NON-DILUTED SOLUTION.  
SEE PAGE 2 FOR MSDS AND EMERGENCY CONTACT INFORMATION.**

### Mixing Instructions

Follow instructions on the side of each bottle. Units with capacities of 6-20 gallons should be mixed with the full 2 ounces contained in each bottle. It is recommended that the tentative potable water be replaced every 180 days. This procedure may be followed even with weekly 15-second testings. (Water consumed in testing, should be replaced with clean potable water).

### Storage Instructions

Product should be stored and used between  
35°F - 95°F (2°C - 35°C). Use before expiration date.

## BBC Biochemical

## MATERIAL SAFETY DATA SHEET

<b>Section 1. Chemical Product Identification and Company Information</b>	
<b>Common Name:</b> Portable Self-Contained Eye Wash Station Preservative	<b>Code:</b> MA0608001, MA0608002
<b>Supplier:</b> Haws Corporation 1455 Kleppe Lane Sparks, NV 89431 1-775-359-4712	<b>MSDS#:</b> MA0608001, MA0608002
<b>Synonym:</b> None	<b>Validation Date:</b> 4-6-2010
<b>Trade Name:</b> None	<b>Print Date:</b> 4-6-2010
<b>Material Uses:</b> Preservative	<b>Responsible Name:</b> Dr. James Biesecker
<b>Manufacturer:</b> BBC Biochemical PO Box 1320 409 Eleanor Lane Mount Vernon, WA 98273 1-800-635-4477	<b>In Case of Emergency: 1-800-424-9300 Chemtrec USA 1-202-483-7616 Chemtrec Intri 1-800-635-4477 BBC Biochemical</b>

<b>Section 2. Hazards Identification</b>	
<b>Physical State and Appearance</b>	Colorless liquid.
<b>Emergency Overview</b>	Not available.
<b>Routes of Entry</b>	Eye contact, inhalation, ingestion, skin contact.
<b>Potential Acute Health Effects</b>	
<b>Eyes</b>	May cause irritation, vision impairment or permanent damage.
<b>Skin</b>	May cause irritation and dryness.
<b>Inhalation</b>	May cause irritation to mucous membranes.
<b>Ingestion</b>	Harmful if swallowed.
<b>Potential Chronic Health Effects</b>	None.
<b>Medical Conditions Aggravated by Overexposure</b>	Skin conditions, eye problems, or impaired liver or kidney function.
<b>Overexposure/ Signs/Symptoms</b>	

<b>Section 3. Composition and Information on Ingredients</b>				
Name	CAS#	% by Weight	EINECS#	Symbols of Danger / R Phrase #
1) Propylene Glycol	57-55-6	60% w/v	200-338-0	None
2) Chlorhexidine Gluconate	18472-51-0	4% w/v	242-354-0	None

<b>Section 4. First Aid Measures</b>	
<b>Eye Contact</b>	Immediately flush with water (remove contact lenses if applicable), continue flushing for at least 20 minutes holding the eyelids open. Seek medical attention immediately.
<b>Skin Contact</b>	Flush contaminated area with water for 10-15 minutes. If irritation occurs, seek medical attention immediately.
<b>Inhalation</b>	Remove to fresh air and if complications occur, seek medical attention immediately.
<b>Ingestion</b>	Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Seek medical attention immediately.
<b>Notes to Physician</b>	Not available.

<b>Section 5. Fire Fighting Measures</b>	
<b>Flammability of the Product</b>	Not flammable.
<b>Auto-ignition Temperature</b>	Not available.
<b>Flash Points</b>	Not available.
<b>Flammable Limits</b>	Not available.
<b>Products of Combustion</b>	Not combustible.
<b>Fire Hazards in Presence Of Various Substances</b>	Not available.
<b>Explosion Hazards in Presence of Various Substances</b>	Not available.
<b>Fire Fighting Media and Instructions</b>	CO <sub>2</sub> , foam, water. Wear self-contained breathing apparatus and protective clothing.
<b>Protective Clothing (Fire)</b>	
<b>Special Remarks on Fire Hazards</b>	Thermal decomposition produces toxic fumes.
<b>Special Remarks on Explosion Hazards</b>	

<b>Section 6. Accidental Release Measures</b>	
<b>Small Spill and Leak</b>	Evacuate the area of all unnecessary personnel. Wear suitable protective equipment listed under Section VIII. Eliminate any ignition sources until the area is determined to be free from explosion or fire hazards. Contain the release and eliminate it's source, if this can be done without risk. Take up and containerize for proper disposal as described under Waste Disposal Method. Comply with Federal, State, and local regulations on reporting releases.
<b>Large Spill and Leak</b>	Same as above.

<b>Section 7. Handling and Storage</b>	
<b>Handling</b>	Do not breathe vapor or mist. Do not get in eyes, on skin, or on clothing. Material must be handled or transferred in an approved fume hood or with adequate ventilation.
<b>Storage</b>	Keep container tightly closed. Store away from heat, sparks, open flame, oxidizers. Store at 2 °C - 35 °C.

<b>Section 8. Exposure Controls / Personal Protection</b>	
<b>Engineering Controls</b>	Engineering and/or administrative controls should be implemented to reduce exposure.
<b>Personal Protection</b>	
<b>Eyes</b>	Safety glasses with side shields must be worn at all times.
<b>Body</b>	Impervious clothing is recommended to be worn to prevent skin contact.
<b>Respiratory</b>	If workplace exposure limit(s) of product or any component is exceeded (see TLV/PEL), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your safety supplier).
<b>Hands</b>	Neoprene, nitrile or equivalent protective gloves should be worn.
<b>Feet</b>	Impervious footwear should be worn to prevent skin contact.
<b>Personal Protection in Case of a Large Spill</b>	See above.
<b>Product Name</b>	<b>Exposure Limits</b>
1)	
2)	
3)	
<b>Consult Local authorities before acceptable exposure limits.</b>	

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	Colorless liquid.	<b>Odor:</b>	Characteristic.
<b>Molecular Weight</b>	Not applicable.	<b>Taste:</b>	Not available.
<b>Molecular Formula</b>	Not applicable.	<b>Color:</b>	None.
<b>pH</b>	Neutral (5-7)		
<b>Boiling/Condensation Point</b>	>100°C		
<b>Melting/Freezing Point</b>	Not applicable.		
<b>Critical Temperature</b>	Not applicable.		
<b>Specific Gravity</b>	1.02 g/ml at 20 °C		
<b>Vapor Pressure</b>	Not applicable.		
<b>Vapor Density</b>	Not applicable.		
<b>Volatility</b>	Not applicable.		
<b>Odor Threshold</b>	Not applicable.		
<b>Evaporation Rate</b>	Not applicable.		
<b>VOC</b>	Not available.		
<b>Viscosity</b>	Not available.		
<b>Ionicity (in water)</b>	Not available.		
<b>Dispersion Properties</b>	Not available.		
<b>Solubility</b>	Miscible in water.		
<b>Physical Chemical Comments</b>	Not available.		

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	Stable.
<b>Conditions of Instability</b>	Heat, contact with ignition sources.
<b>Incompatibility with Various Substances</b>	Incompatible with anionic detergents, borates and sulphates.
<b>Hazardous Decomposition Products</b>	CO <sub>2</sub>
<b>Hazardous Polymerization</b>	Does not occur.

**Section 11. Toxicological Information**

<b>Toxicity to Animals</b>	Chlorhexidine Gluconate 100%: ORAL (LD50): Acute: 2000 mg/kg [Rat]. 1260 mg/kg [Mouse].
<b>Chronic Effects on Humans</b>	
<b>Other Toxic Effects on Humans</b>	
<b>Special Remarks on Toxicity to Animals</b>	Tests on laboratory animals indicate methanol may produce adverse mutagenic and reproductive effects. Cited in Registry of Toxic Effects of Substances (RTECS).
<b>Special Remarks on Chronic Effects on Humans</b>	Not available.
<b>Special Remarks on Other Toxic Effects on Humans</b>	Not available.

**Section 12. Ecological Information**

<b>Ecotoxicity</b>	Not available.
<b>BODS and COD</b>	Not available.
<b>Biodegradable/OEDC</b>	Not available.
<b>Mobility</b>	Not available.
<b>Toxicity of the Products of Biodegradation</b>	Not available.
<b>Special Remarks on The Products of Biodegradation</b>	Not available.

<b>Section 13. Disposal Considerations</b>	
<b>Waste Information</b>	Product can be disposed of as non-regulated waste. BBC recommends drain disposal with copious amounts of water. Minimum dilution is 250mL Eyewash Preservative to 20 Liters water. Please consult your local waste authority with questions on regulations.
<b>Waste Stream</b>	Not available.
<b>Consult your local or regional authorities.</b>	

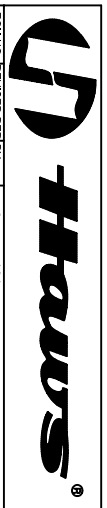
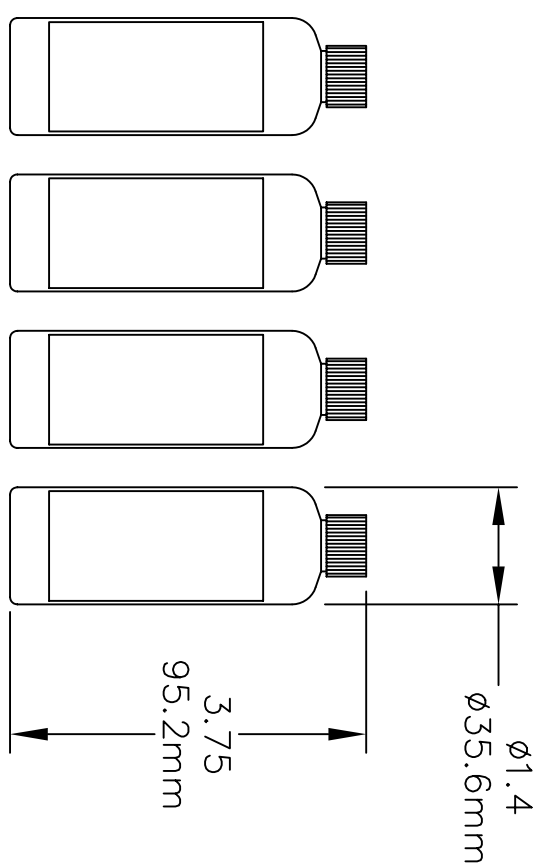
<b>Section 14. Transport Information</b>	
<b>DOT Classification</b>	Not hazardous.
<b>Marine Pollutant</b>	Not applicable.
<b>Hazardous Substances Reportable Quantity</b>	Not applicable.
<b>Special Provisions for Transport</b>	Not applicable.
<b>TDG Classification</b>	Not controlled under TDG (Canada).
<b>ADR/RID Classification</b>	Not controlled under ADR (Europe).
<b>IMO/IMDG Classification</b>	Not controlled under IMDG.
<b>ICAO/IATA Classification</b>	Not controlled under IATA.

<b>Section 15. Regulatory Information</b>			
<b>USEPA SARA Title III Notifications/Information</b>			
<b>Hazard Class(es)</b>	Acute Health Hazard		
<b>SARA Title III</b>	Section 313 Supplier Notification: This product contains no chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 of 40 CFR 372.		
<b>Canada Controlled Products Regulations Information</b>	Components Toxicology Data		
	Component (CASRN)	LD50 (Route/Species)	LC50 (Species)
	Propylene Glycol (57-55-6)	20,000 mg/kg (oral/rat)	No data available
	Chlorhexidine glyconate (18472-51-0)	No data available	No data available
<b>WHMIS Hazard Class Of Product</b>	None available		
<b>Components on Ingredients Disclosure List</b>	Propylene Glycol (CASRN 57-55-6)		
<b>Mexican Regulations</b>	This product contains the following chemical substance(s) listed in the Reference Guide: Classification of Type and Grade of Risk of Some Chemical Substances of the Official Mexican Standard entitled System for the Identification and Communication of Hazards and Risk for Hazardous Chemical Substances in the Work Place (NOM-018-STPS-2000). Propylene Glycol (CASRN 57-55-6)		
<b>ICAO/IATA Classification</b>	Not controlled under IATA.		

<b>Section 16. Other Information</b>				
<b>Label requirements</b>				
<b>Hazardous Material Information System (U.S.A.)</b>	<b>Health</b>	1	<b>National Fire Protection Association (U.S.A.)</b>	
	<b>Fire Hazard</b>	0		
	<b>Reactivity</b>	0		
	<b>Personal Protection</b>			
<b>References</b>				
<b>Other Special Considerations</b>				
<b>Notice to Reader</b>				
To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.				

**NOTES:**

1. PORTABLE SELF-CONTAINED EYEWASH STATION PRESERVATIVE CONCENTRATE MODEL 9082 CONSISTS OF QTY. FOUR 2 OZ. (59ml) BOTTLES. OUTSIDE DIMENSIONS OF CARTON: 3" (76.2mm) X 3" (76.2) X 4" (101.6mm) HIGH. (CARTON NOT SHOWN.)
2. **WARNING:** DO NOT APPLY DIRECTLY TO EYES AS THIS MAY CAUSE IRRITATION, VISION IMPAIRMENT, OR PERMANENT DAMAGE WHEN EYES ARE EXPOSED TO NON-DILUTED SOLUTION.
3. FOLLOW MIXING INSTRUCTIONS ON BOTTLE CAREFULLY.
4. MSDS DATA SHEET AVAILABLE ON HAWS WEBSITE: [WWW.HAWSCO.COM](http://WWW.HAWSCO.COM)



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EQUIV. NO.	REVISED PER	BY	MODEL(S)	9082	PART NUMBER
DRAWING	EQUIV. 4490	LVAC	PORTABLE SELF-CONTAINED EYEWASH		0002080222.D
RTTY	DATE	CHK'D:	STATION PRESERVATIVE CONCENTRATE		DRAWING NO.
APPROVED:	DATE				15227A00
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