

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

MSDS DATE: 04/01/11

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Eye Saline Concentrate (for 7349 Double Eye/Face Wash Station)
SYNONYMS:
PRODUCT CODES:

MANUFACTURED FOR: Impact Products, LLC
ADDRESS: 2840 Centennial Road, Toledo, OH 43617

EMERGENCY PHONE: 800-854-7474
CHEMTREC PHONE:

CHEMICAL NAME:
CHEMICAL FAMILY:
CHEMICAL FORMULA:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:	CAS NO.	% WT	TLV/PEL
Benzalkonium Chloride	8001-54-5	<0.1%	OSHA PEL: None ACGIH TLV: None

This product is produced as a health care item "Food, drug or cosmetic, intended for personal consumption by employees while in the workplace" to which the hazardous communications requirements of 29 CFR 1910.1200(A)(B) do not apply, as specifically stated in 29 CFR 1910.1200 (B)(5)(V).

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Inhalation: No Skin: No Ingestion: Yes

POTENTIAL HEALTH EFFECTS

EYES: n/a
SKIN: n/a
INGESTION: May cause gastric irritation
INHALATION: n/a

ACUTE/CHRONIC HEALTH HAZARDS: Ingestion of volumes in excess of 20 liters may cause gastric irritation
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: n/a

CARCINOGENICITY

OSHA: No NTP: No IARC: No OTHER:

SECTION 4: FIRST AID MEASURES

EYES: n/a
SKIN: n/a
INGESTION: Physician: In the unlikely event of rapid ingestion of large volumes of the solution, induce vomiting and observe the patient for gastric irritation.
INHALATION: n/a

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS: n/a LEL: UEL:
FLASH POINT: n/a
METHOD USED: n/a
HMIS HAZARD CLASSIFICATION: HEALTH: FLAMMABILITY: REACTIVITY:
EXTINGUISHING MEDIA: This is a non-flammable aqueous solution
SPECIAL FIRE FIGHTING PROCEDURES: n/a
UNUSUAL FIRE AND EXPLOSION HAZARDS: n/a
HAZARDOUS DECOMPOSITION PRODUCTS: n/a

SECTION 6: ACCIDENTAL RELEASE MEASURES

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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Do not freeze or expose to temperatures in excess of 110 degrees F(43 degrees C) for extended periods.
OTHER PRECAUTIONS: n/a

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:
VENTILATION : Local Exhaust: n/a Special: n/a
 Mechanical: n/a Other: n/a
RESPIRATORY PROTECTION: n/a
EYE PROTECTION: n/a
SKIN PROTECTION: n/a
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: n/a
WORK HYGIENIC PRACTICES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOR: Colorless liquid with no discernable odor
BOILING POINT: 212 degrees F (100 degrees C)
MELTING POINT: n/a
VAPOR PRESSURE (mmHg): 760
VAPOR DENSITY (AIR = 1): n/e
SPECIAL GRAVITY (H2O = 1): n/e
EVAPORATION RATE: n/e
SOLUBILITY IN WATER: 100%
PERCENT VOLATILE:
VISCOSITY:

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE UNSTABLE
 X

CONDITIONS TO AVOID (STABILITY): This product is stable considered non-reactive under normal conditions of storage and usage.
INCOMPATIBILITY (MATERIAL TO AVOID): None known
HAZARDOUS DECOMPOSITION: None
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

SECTION 13: DISPOSAL CONSIDERATIONS/PROCEDURES FOR SPILL OR LEAK CLEANUP

WASTE DISPOSAL METHOD: n/a
PROCEDURE FOR SPILL OR LEAK CLEANUP: Flush area with water. The solution is NOT RCRA hazardous waste.

SECTION 14: TRANSPORT INFORMATION

SECTION 15: REGULATORY INFORMATION

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SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

DISCLAIMER: The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied is made and Impact Products assumes no legal responsibility or liability resulting from its use.

Additional Information:

Effects of Freezing on Eye Saline Concentrate

Freezing Point: 10 degrees F is the point where this product freezes solid, based on tests conducted by the manufacturer of the liquid.

Sample bottles of Eye Saline Concentrate have been exposed to freezing conditions a number of times and allowed to thaw in order to test for degradation or breakdown of the product. No degradation or breakdown of eye wash has occurred under these circumstances.

While liquid product is not harmed by freezing and sub-freezing temperatures, consideration should be given to the examination of the container/closure system (bottling) of the product to ensure that the bottle/cap has not been compromised. The bottle/cap and seal must be intact for assurance of continued sterility.

Neutralizing Effects

Eye Saline Concentrate is a buffered, isotonic, sterile saline solution, balanced to neutral pH 7. Being a neutral pH solution, acids or caustic liquid, thus lowering or raising the pH of the combination of fluids.