

Bradley Fixtures Corporation
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SECTION #1 – PRODUCT IDENTIFICATION

Products: Bradley Kleersite™ Ultra Concentrate Eyewash Station Preservative
Bradley Portable Self-Contained Eyewash Solution Preservative

Chemical Family: Eyewash water preservative

This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with these products. Please read the information on these sheets before attempting to use the product. You must also provide this information to those people in your company whose responsibility it is to comply with Federal, State, and/or Provincial “Right to Know” regulations. Also make sure that this information is available and disseminated to your employees before their use of the product. This information should be kept on file and made available to any employee who requests it. It is your obligation to comply with safety and health regulations pertinent to your jurisdiction.

SECTION #2 – COMPOSITION/INFORMATION ON INGREDIENTS

Component: Propylene glycol
CASRN 57-55-6
No OSHA PEL(s) or ACGIH TLV(s)

Component: Chlorhexidine Gluconate
CASRN 18472-51-0
No OSHA PEL(s) or ACGIH TLV(s)

SECTION #3 – HAZARDS IDENTIFICATION**Primary Route(s) of Entry**

Ingestion.

Eye Hazards

Eye contact with these products may cause irritation and/or redness.

Skin Hazards

Skin contact with these products may cause mild irritation.

Ingestion Hazards

Ingestion of these products may cause moderate to severe gastric irritation.

Inhalation Hazards

If these products are used in a manner that produces a mist, inhalation of the mist may irritate the nose, throat, and upper respiratory tract.

SECTION #4 – FIRST AID MEASURES**Ingestion**

Do not induce vomiting. Give subject large quantities of milk or water. If symptoms of irritation or illness persist, contact a physician or Poison Control Center. If subject is unconscious or convulsive, seek immediate medical assistance. Do not attempt to give liquids to an unconscious person.

Eyes

Flush eyes with large quantities of water for 15 minutes. Seek medical assistance if necessary.

Skin

Wash affected area with soap and water for 5 minutes. If clothing becomes wetted with product, replace with dry clothing. Launder contaminated clothing before reuse.

Inhalation

If signs and symptoms of irritation occur, remove subject from the area. Seek medical attention if necessary.

Note to Physician

The component propylene glycol is not acutely toxic by any route of administration. The concentration of propylene glycol in these products is ≤ 200 grams/liter.

SECTION #5 – FIRE FIGHTING MEASURES**Fire and Explosion Hazards**

This product is non-flammable and non-explosive. If the water content of the product is completely evaporated, thermal decomposition of the non-aqueous ingredients may emit carbon monoxide, smoke, and/or irritant gases.

Extinguishing Media

Not applicable (non-flammable mixture)

SECTION #6 – ACCIDENTAL RELEASE MEASURES**Small Spills**

Soak up spilled product with absorbent media (e.g., paper towels). Dispose of residues in accordance with applicable Federal, State/Provincial, and local regulations.

Large Spills

Enclose or isolate spillage area to control its spread. Transfer spilled material to an impervious container. Dispose of residues in accordance with applicable Federal, State/Provincial, and local regulations. Do not flush large quantities of product into sanitary sewers. If product is accidentally flushed into a sanitary sewer system, flush contaminated areas with large quantities of water and notify the appropriate authority

SECTION #7 – HANDLING AND STORAGE**Handling Precautions**

No special handling precautions are required.

Storage Precautions

Store in a cool place away from incompatible materials (see Section #10).

Work/Hygienic Practices

To minimize the possibility of ingestion, wash hands and face before eating, drinking, applying cosmetics, or using tobacco.

SECTION #8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering Controls**

Mechanical ventilation is not required under prescribed conditions of use. If the product is used in a manner that generates airborne mist, provide appropriate ventilation (dilution, local exhaust) adequate to control mist concentrations in air.

Eye/Face Protection

If there is potential for eye contact with the product, wear protective splash goggles.

Skin Protection

If there is potential for extensive skin contact with the product, wear rubber gloves.

Respiratory Protection

Respiratory protection is not required under prescribed conditions of use. If the product is used in a manner that generates airborne mist not controlled by ventilation, wear a NIOSH-approved dust/mist respirator (rated N95 or better) to minimize nose, throat, and respiratory tract irritation.

SECTION #9 – PHYSICAL AND CHEMICAL PROPERTIES

Percent Volatiles: not applicable

Boiling: >212° F./100° C.

Specific Gravity: *ca.* 1.00

Evaporation Rate: not applicable

Vapor pressure: not applicable

Vapor density: not applicable

Solubility (water): complete

Appearance: Clear water-white liquid

SECTION #10 – STABILITY AND REACTIVITY

Stability: stable

Hazardous Polymerization: will not occur

Incompatible Materials: strong oxidizing agents; perchloric acid

Hazardous Decomposition Byproducts

If the water component of these products is completely evaporated, thermal decomposition of the non-aqueous ingredients may emit carbon monoxide, smoke, and/or irritant gases.

SECTION #11 – TOXICOLOGICAL INFORMATION**Toxicological Information**

This product has not been subject to toxicological testing by the manufacturer.

Carcinogenicity

No components of the product are classified as potential or demonstrated human carcinogens by IARC, NTP, or OSHA.

SECTION #12 – ECOLOGICAL INFORMATION

No data available.

SECTION #13 – DISPOSAL CONSIDERATIONS**Waste Disposal Methods**

Dispose of product in accordance with applicable Federal, State/Provincial, and local regulations.

SECTION #14 – TRANSPORT INFORMATION

This product is not a *Hazardous Substance or Dangerous Goods* according to USDOT, TDG (Canada), ICAO, or IMO regulations.

SECTION #15 – REGULATORY INFORMATION**USEPA Regulations**

TSCA Inventory - all components are listed on the USEPA's TSCA Inventory.

SARA Title III - Hazard Class(es): Acute Health Hazard

SARA Title III - 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 and of 40 CFR 372.

Canada Controlled Products Regulations Information

Domestic Substances List (DSL) - all components are listed on the DSL.

Components Toxicology Data

Component (CASRN)	LD ₅₀ (Route/Species)	LC ₅₀ (Species)
Propylene glycol (57-55-6)	20,000 mg/kg (oral/rat)	No data available
Chlorhexidine gluconate (18472-51-0)	No data available	No data available

WHMIS Hazard Classification(s) of product: none applicable.

Components on *Ingredients Disclosure List*: Propylene glycol (CASRN 57-55-6).

SECTION #15 – REGULATORY INFORMATION continued...**Mexican Regulations Information**

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 Risks for Hazardous Chemical Substances in the Work Place* (NOM-018-STPS-2000).

Propylene glycol (CASRN 57-55-6)

SECTION #16 – REVISION INFORMATION

Date of previous version: 10 August 2007.

Reason(s) for revision: Periodic review and updating.

DISCLAIMER OF EXPRESS AND IMPLIED WARRANTIES

We believe that the information contained herein is current as of the date of the Material Safety Data Sheet. Since the use of these products is not within the use of Bradley Fixtures Corporation, it is the user's obligation to determine the conditions of safe use of the product. Additionally, as data, standards, and regulations change, and conditions of use and handling are beyond our control, **NO WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.** The user should review any recommendations in the specific context of the intended use to determine whether or not they are appropriate.