MATERIAL SAFETY DATA SHEET

PRODUCT NAME:

Eye Wash Sterile Buffered

AS SOLD BY BUTLER SCHEIN ANIMAL HEALTH

A Service of

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MATERIAL SAFETY DATA SYSTEMS

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ISSUED: 09/07/94
REVISED: NA
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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Eye Wash
GENERIC NAME: Eye Irrigating Solution (Sterile)
NDC NO.: 24208-835
LEGAL CATEGORY: Pharmaceutical preparation, filled inside plastic bottle suitable for dispensing, and overpacked inside a cardboard carton.
DRUG COMPOSITION: Buffered Isotonic Eye Wash
MANUFACTURER: BAUSCH & LOMB PHARMACEUTICALS, INC.
8500 HIDDEN RIVER PARKWAY
TAMPA, FL. 33637
INFORMATION: (800) 323-0000 (M-F) 8 am - 5 pm EST
EMERGENCY: (800) 227-1427 24 hrs

2. COMPOSITION/INFORMATION ON INGREDIENTS

DESCRIPTION CAS #	TLV (MG/M(3))	PEL (MG/M(3))	% CONTENT
Boric Acid CAS #: 10043-35-3	10	15	>/=1
Purified Water CAS #: NA	NE	NE	>/=1

Ingredients < 1%
Potassium Chloride, Edetate Disodium, Sodium Carbonate, Benzalkonium Chloride

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Plastic bottle in a cardboard box. Clear, colorless and odorless, aqueous solution.
POTENTIAL HEALTH HAZARDS:
CARCINOGENICITY:
(NTP): No
(IARC): No
(OSHA): No
EYE: May cause irritation and hypersensitivity (anaphylactic) in some individuals.
SKIN: May cause irritation and hypersensitivity (anaphylactic) in some individuals.
INGESTION: May cause irritation and hypersensitivity (anaphylactic) in some individuals.
INHALATION: May cause irritation and hypersensitivity (anaphylactic) in some individuals, although this is not likely with a liquid preparation.
CHRONIC EFFECTS: None
TARGET ORGANS: Eyes
MEDICAL CONDITIONS AGGRAVATED BY LONG TERM EXPOSURE: Hypersensitivity to any of the components of the product.

4. FIRST AID MEASURES

EYES: Rinse immediately with copious amounts of water for at least 20 minutes. Contact a physician.
SKIN: Remove all contaminated clothing and wash skin with copious amounts of water for at least 20 minutes. Contact physician if skin becomes irritated.
INGESTION: Wash out mouth and give plenty of water and bland fluids. Do not give anything to an unconscious person. Seek professional assistance or contact a poison control center immediately.
INHALATION: Remove person to fresh air, and if breathing stops, use artificial respiration. Contact physician.
NOTE TO PHYSICIANS: None

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:
FLASH POINT: NE
METHOD: NE
HAZARDOUS PRODUCTS: Emits toxic fumes.
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, halon, water spray or fog, and foam on surrounding materials.
FIRE FIGHTING INSTRUCTIONS: Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire-exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

LARGE/SMALL SPILLS: Use personal protective equipment. Contain the spill to prevent drainage into sewers, drains or streams. Use absorbent material to solidify the spill. Shovel or scoop up solidified waste. Dispose of material according to Federal, State and Local regulations.

7. HANDLING & STORAGE

HANDLING: Avoid contact with product and use caution to prevent puncturing containers. No special protective equipment or procedures are required in the clinical or home environment.
STORAGE: Store product upright in original containers with the cap tightly closed at a controlled room temperature 15 deg - 30 deg C (59 deg - 86 deg F). KEEP THIS AND ALL DRUGS OUT OF THE REACH OF CHILDREN.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: In the manufacturing plant, provide adequate ventilation for the raw material handling and compounding process which will maintain the dust and vapor levels below the TLV, STEL, and PEL values for the ingredients. Ventilation fans should be explosion proof. Use adequate personal protective equipment e.g. NIOSH-approved respirators, goggles or safety glasses, gloves and protective clothing. Ensure training in the handling of chemical materials and use current Material Safety Data Sheets.
EYE PROTECTION: (29 CFR 1910.133) Recommended goggles or chemical safety glasses.
SKIN PROTECTION: Thick gloves and protective clothing.
RESPIRATORY PROTECTION: (29 CFR 1910.134) NIOSH approved respirator recommended for handling raw materials.
WARNING: DO NOT USE AIR PURIFYING RESPIRATORS IN OXYGEN DEPLETED ENVIRONMENTS. No respiratory protection is required in the clinical or home environment.
OTHER: None
VENTILATION: Recommended
CONTAMINATED EQUIPMENT: Wash contaminated clothing separately. Wash equipment with soap and water. Release rinse water into an approved wastewater system or according to Federal, State and Local regulations.

9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE & ODOR: Clear, colorless and odorless solution.
BOILING POINT: NE
SPECIFIC GRAVITY: 1.0
VAPOR PRESSURE: NE
WATER SOLUBILITY: Complete
EVAPORATION RATE: NE
VAPOR DENSITY: NE
VISCOSITY: NE
PERCENT VOLATILE BY VOLUME: < 1

10. STABILITY & REACTIVITY

CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: Extreme heat or cold.
INCOMPATIBILITY: This product has no incompatibilities except those of water e.g. strong acids, bases, alkali metals, alkali hydrides.
HAZARDOUS DECOMPOSITION PRODUCTS: Emits toxic fumes.
HAZARDOUS POLYMERIZATION: Should not occur.

11. TOXICOLOGY INFORMATION

SUMMARY OF RISKS: Toxicological information refers to the raw material of the product. Concentrations and toxicological effects are substantially reduced in the product. For more detailed information see MSDS on chemical material.

CAS #	
10043-35-3	BORIC ACID Inhalation can cause coughing and chest discomfort. Prolonged skin contact can cause burns and sensitization. Ingestion can cause nausea and vomiting. Swallowing large quantities may be fatal and chronic exposure can cause central nervous system stimulation and skin redness or rash. Oral - rat LD50 2660 mg/kg, Inhalation - rat LC50 > 16 mg/L.

12. ECOLOGICAL INFORMATION

CHEMICAL FATE INFORMATION: Product administered to patients presents a negligible impact on the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSE OF MATERIAL ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS. The method typically used is incineration.
EPA DESIGNATIONS:
RCRA HAZARDOUS WASTE: Not Listed
SARA TITLE III: Not Listed

14. TRANSPORT INFORMATION

TRANSPORTATION DATA: DOT CLASSIFICATION; CONSUMER COMMODITY

15. REGULATORY INFORMATION

DOT DESIGNATIONS: DOT CLASSIFICATION; CONSUMER COMMODITY
EPA DESIGNATIONS: RCRA Hazardous Waste (40 CFR 261.33) Not Listed
FDA DESIGNATIONS: Pharmaceutical preparation. NDC No. 24208-835
OSHA DESIGNATIONS: (29 CFR 1910.1000, Table Z) Not Listed.
SARA TITLE III: Not listed under Toxic Release Reporting.

16. OTHER INFORMATION

None

The information contained herein is furnished without warranty of any kind. The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide. Users should make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

NE - Not Established
< - Less Than
> - Greater Than

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COMPAS Code: 13750420