

**Bausch & Lomb Eye Wash**

**MATERIAL SAFETY DATA SHEET**

Effective Date: 11/14/05      Supersedes: 11/19/02

**Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Bausch & Lomb Eye Wash  
**Product Code(s):** 620252

**For Information:** 1-800-553-5340  
**For Emergency:** 1-800-535-5053

**Manufacturer:** Bausch & Lomb, Incorporated  
**Address:** 1400 N. Goodman Street  
 Rochester, New York 14609

**Section 2: COMPOSITION / INFORMATION ON INGREDIENTS**

CAS #	COMPONENT NAME	% W/V	OCCUPATIONAL EXPOSURE LIMITS / GUIDELINES										UNITS		
			OSHA PEL		ACGIH TLV		NIOSH REL		IRELAND		HSE				
			TWA	STEL	TWA	STEL	TWA	STEL	TWA	STEL	TWA	STEL			
10043-35-3	Boric Acid	< 1	NE	NE	2	6	NE	NE	NE	NE	NE	NE	NE	NE	MG/M3
1303-96-4	Sodium Borate	< 1	NE	NE	2	6	5	NE	5	NE	5	NE	5	NE	MG/M3
7647-14-5	Sodium Chloride	< 1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
110-44-1	Sorbic Acid	0.1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
6381-92-6	Edetate Disodium	0.025	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
7732-18-5	Purified Water	Balance	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA

N/E: Not Established  
 TWA: 8-Hour Time-Weighted Average  
 N/A: Not Applicable  
 ACGIH: American Conference of Governmental Industrial Hygienists  
 NIOSH: National Institute for Occupational Safety & Health

OSHA: Occupational Safety & Health Administration  
 PPM: Parts Per Million    MG/M3: Milligrams Per Cubic Meter  
 STEL: Short-Term Exposure Limit  
 C: Ceiling Limit  
 REL: Recommended Exposure Limit

**Section 3: HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

Clear, colorless to slightly yellow solution. This product is intended as an eye irrigating solution. If you experience eye pain, changes in vision, continued redness or irritation of the eye, or if the condition worsens or persists, discontinue use and consult a physician immediately. Use only as directed. **Keep this and all drugs out of the reach of children.**

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### Section 3: HAZARDS IDENTIFICATION (cont.)

#### **PRECAUTIONS:**

This product is intended as an eye irrigating solution. This product is not intended as a cleaning regime for soft, hard or rigid gas-permeable lenses. To ensure satisfactory eye irrigation, it is recommended that contact lens wearers remove their lenses prior to using this product. If any discomfort develops, immediately discontinue use of this product. If discomfort persists, contact a physician or eye care practitioner. Use only in accordance with product literature.

If you are allergic to any ingredient in this product, DO NOT USE. **Keep this and all drugs out of the reach of children.**

#### **POTENTIAL HEALTH EFFECTS:**

##### **EYE:**

None known or expected.

##### **SKIN:**

None known or expected.

##### **INGESTION:**

None known or expected.

##### **INHALATION:**

None known or expected.

#### **CHRONIC HEALTH EFFECTS:**

None known or expected.

#### **CARCINOGENICITY:**

**NTP:** No

**IARC:** No

**OSHA:** No

#### **MEDICAL CONDITIONS AGGRAVATED BY LONG TERM EXPOSURE:**

None known or expected.

### Section 4: FIRST AID MEASURES

#### **EYES:**

If discomfort or irritation develops, immediately discontinue product use and contact your eye care professional.

#### **SKIN:**

No specific treatment is necessary since this material is not likely to be hazardous by contact with the skin or mucous membranes.

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**Section 4: FIRST AID MEASURES (cont.)**

**INGESTION:**

No specific treatment is necessary since this material is not likely to be hazardous by ingestion. If large quantities are accidentally ingested (greater than a tablespoon), get medical attention immediately.

**INHALATION:**

No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of mists, remove to fresh air and get medical attention if cough or other symptoms develop.

**Note to Physicians:** Additional details are available on the package or in the Physicians Desk Reference.

**Section 5: FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES:**

**Flash Point:** Not Flammable

**Method:** Not Applicable

**EXTINGUISHING MEDIA:**

Carbon dioxide, dry chemical powder, appropriate foam or water fog for surrounding fire.

**HAZARDOUS COMBUSTION PRODUCTS:**

None identified for the solution.

**SPECIAL FIRE FIGHTING INSTRUCTIONS:**

As in any fire, wear self-contained breathing apparatus and full protective gear.

**Section 6: ACCIDENTAL RELEASE MEASURES**

**Large/Small Spills:**

Use appropriate 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 in accordance with Section 13.

**Section 7: HANDLING AND STORAGE**

**HANDLING:**

No special handling is required. Use in accordance with product literature.

**STORAGE:**

Store product upright in original containers with the cap tightly closed at a controlled room temperature 15<sup>o</sup>-30<sup>o</sup> C (59<sup>o</sup>- 86<sup>o</sup> F). **KEEP THIS AND ALL DRUGS OUT OF THE REACH OF CHILDREN.**

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**Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:**

No special controls or personal protection required under conditions of intended use.

**SKIN PROTECTION:**

No special controls or personal protection required under conditions of intended use.

**EYE PROTECTION:**

No special controls or personal protection required under conditions of intended use.

**ADDITIONAL PROTECTIVE CLOTHING & EQUIPMENT:**

NA

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL PROPERTIES:**

**Appearance / Physical State:** Clear, colorless to slightly yellow solution  
**Odor:** Odorless

**CHEMICAL PROPERTIES:**

<b>Boiling Point:</b>	Not Determined	<b>Melting Point:</b>	Not Applicable
<b>Vapor Pressure:</b>	Not Applicable	<b>Vapor Density:</b>	Not Applicable
<b>Solubility In Water:</b>	Highly Soluble	<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	1
<b>pH:</b>	7.2-7.6	<b>Freezing Point:</b>	Not Determined
<b>Molecular Weight:</b>	Not Applicable, Mixture		

**Section 10: STABILITY AND REACTIVITY**

**GENERAL:**

Stable under normal conditions.

**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:**

Extreme heat or cold, strong acids, bases, alkali metals, alkali hydrides and silver preparations.

**HAZARDOUS POLYMERIZATION:**

Does not occur

**HAZARDOUS DECOMPOSITION:**

None

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**Section 11: TOXICOLOGICAL INFORMATION**

**RTECS No.:** ED4550000

**Boric Acid**

**Toxicity Data:** ORL-RAT LD50: 2660 MG/KG  
ORL-HUMAN LDLO: 429 MG/KG

**Irritation Data:** SKN-HUMAN 15 MG/3D (MILD)

**RTECS No.:** SC7310000

**Sodium Borate**

**Toxicity Data:** ORL-MOUSE LD50: 3250 MG/KG

**RTECS No.:** VZ4725000

**Sodium Chloride**

**Toxicity Data:** ORL-RAT LD50: 3 GM/KG  
ORL-MOUSE LD50: 4 GM/KG

**RTECS No.:** WG2100000

**Sorbic Acid**

**Toxicity Data:** ORL-RAT LD50: 7360 MG/KG

**RTECS No.:** AH4410000

**Edetate Disodium\***

**Toxicity Data:** ORL-RAT LD50: 2000 MG/KG

**NOTE:** Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.

(\*) Toxicological data supplied by the manufacturer.

**Section 12: ECOLOGICAL INFORMATION**

No specific ecological data are available for this product.

**Section 13: DISPOSAL CONSIDERATIONS**

All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the sole responsibility of the waste generator.

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**Section 14: TRANSPORT INFORMATION**

	US DOT	IATA	IMO	RID/ADR	Canadian TDG
<b>Shipping Name:</b>	Not Regulated	Not Regulated	No information available	No information available	No information available
<b>Hazard Class:</b>	NA	NA			
<b>UN Number:</b>	NA	NA			
<b>Package Group:</b>	NA	NA			

There are no unreasonable risks (health, safety, or property), that this product would pose when transported in commerce. Hazard class definitions (49 CFR, Part 173) are not applicable to this product.

**Section 15: REGULATORY INFORMATION**

**OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200):**

Bausch & Lomb Eye Wash is not considered hazardous under the Occupational Safety & Health Administration Hazard Communication Standard.

**TOXIC SUBSTANCE CONTROL ACT (TSCA):**

Each ingredient listed is on the TSCA Inventory.

**SARA TITLE III (Superfund Amendments and Reauthorization Act):**

SECTION 302 (Extremely Hazardous Substances): No Components Listed  
SECTION 311, 312 (Hazard Categories): Not Applicable  
SECTION 313 (Toxic Chemicals): No Components Listed

**CALIFORNIA PROPOSITION 65:**

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**Section 16: OTHER INFORMATION**

*To the best of our knowledge, the information contained herein is accurate. However, neither Bausch & Lomb Incorporated nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE IS MADE. In no event shall Bausch & Lomb Incorporated or any of its subsidiaries be liable for any special, incidental or consequential damages.*