

Sensitive Eyes™ Lens Lubricant

MATERIAL SAFETY DATA SHEET

Effective Date: 8/8/11 Supersedes: None

Page 1 of 8

Section 1: IDENTIFICATION**PRODUCT:**

Product Name: Sensitive Eyes™ Lens Lubricant
Product Description: Sterile, buffered, clear isotonic solution
Product Code(s):
Intended Use: Soft and Hard Contact Lens Lubricant

COMPANY IDENTIFICATION:

Bausch & Lomb, Incorporated
1400 N. Goodman Street
Rochester, New York 14609

For Information: 1-800-553-5340

EMERGENCY TELEPHONE NUMBER:

24-Hour Emergency: 1-800-535-5053

Section 2: HAZARD(S) IDENTIFICATION

CLASSIFICATION: Acute toxicity; Category 5 (GHS*)

LABELING:

Pictograms: (None required)

Signal Word: Warning

Hazard Statements: May be harmful if swallowed.
Avoid inhalation of mists.

Precautionary Statements: Use only in accordance with product literature.
If you are allergic to any ingredient in this product, DO NOT USE.
Avoid release to the environment.
Keep Out of Reach of Children

* Globally Harmonized System

PRECAUTIONS:

This product is recommended for the lubrication and rewetting of soft and hard contact lenses per labeled instructions. If any discomfort develops, immediately discontinue use of this product. If discomfort persists, contact your eye care professional. Use in accordance with product literature.

Section 2: HAZARD(S) IDENTIFICATION (cont.)**POTENTIAL HEALTH EFFECTS****EYE:**

Non-irritating to the eyes when used as directed.

SKIN:

Non-irritating to skin or mucous membranes when used as directed.

INGESTION:

Small amounts (a tablespoonful) swallowed are not likely to cause injury; swallowing amounts larger than that may cause gastrointestinal irritation.

INHALATION:

No hazard when used as directed.

CHRONIC HEALTH EFFECTS

None identified.

CARCINOGENICITY:

NTP: No component of this product, present at levels greater than or equal to 0.1%, is identified as a known or anticipated carcinogen by NTP.

IARC: No component of this product, present at levels greater than or equal to 0.1%, is identified as a known or anticipated carcinogen by IARC.

OSHA: No component of this product, present at levels greater than or equal to 0.1%, is identified as a known or anticipated carcinogen by OSHA.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	Chemical Identity	Concentration, % W/V	EINECS / ELINCS #
110-44-1	Sorbic Acid	0.25	203-768-7
6381-92-6	Disodium Edetate	0.1	Unlisted
7647-14-5	Sodium Chloride	Proprietary	231-598-3
1303-96-4	Sodium Borate	Proprietary	Unlisted
9004-65-3	Hydroxypropyl Methyl Cellulose	Proprietary	Unlisted
11111-34-5	Poloxamine	Proprietary	Unlisted
10043-35-3	Boric Acid	Proprietary	233-139-2
7732-18-5	Purified Water	> 95	231-791-2

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.

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.

Section 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash Point: Non-Combustible

Method: NA

EXTINGUISHING MEDIA:

Water spray, carbon dioxide, dry chemical powder or appropriate foam for surrounding fire.

HAZARDOUS COMBUSTION PRODUCTS:

None identified.

SPECIAL FIRE FIGHTING INSTRUCTIONS:

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

Section 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

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

In the event of bulk spills, wear suitable protective eyewear, clothing, protective boots and protective gloves. Evacuate immediate area. Ensure adequate ventilation. Refer to Section 8.

ENVIRONMENTAL PRECAUTIONS:

Prevent spilled material from entering storm sewers or drains, waterways, and contact with soil.

Sensitive Eyes™ Lens Lubricant

MATERIAL SAFETY DATA SHEET

Page 4 of 8

Section 6: ACCIDENTAL RELEASE MEASURES (cont.)

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Ventilate area. Contain spilled product. **For small spills**, add suitable absorbent material. Scoop up and place in an appropriate liquid-tight container equipped with a tight cover for disposal. **For large spills**, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate, liquid-tight container equipped with a tight cover for disposal. Minimize contact of spilled material with soils to prevent runoff to surface waterways.

Dispose of in accordance with Section 13.

Section 7: HANDLING AND STORAGE

HANDLING:

No special handling is required. Refer to Section 8. Use only in accordance with product literature.

STORAGE:

Store at 1-30°C (33.8-86°F), to maintain product integrity.

Use before expiration date marked on carton or bottle.

KEEP OUT OF THE REACH OF CHILDREN.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS:

		OCCUPATIONAL EXPOSURE LIMITS / GUIDELINES										
CAS #	COMPONENT NAME	OSHA PEL TWA /STEL	ACGIH TLV TWA /STEL	NIOSH REL TWA /STEL	IRELAND TWA /STEL	HSE TWA /STEL						UNITS
110-44-1	Sorbic Acid	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N/A
6381-92-6	Disodium Edetate	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N/A
7647-14-5	Sodium Chloride	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
1303-96-4	Sodium Borate	NE	NE	2I	6I	NE	NE	5	NE	5	NE	MG/M3
9004-65-3	Hydroxypropyl Methyl Cellulose	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
11111-34-5	Poloxamine	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
10043-35-3	Boric Acid	NE	NE	2I	6I	NE	NE	NE	NE	NE	NE	MG/M3
7732-18-5	Purified Water	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA

N/E: Not Established

N/A: Not Applicable

ACGIH: American Conference of Governmental Industrial Hygienists

NIOSH: National Institute for Occupational Safety & Health

PPM: Parts Per Million

OSHA: Occupational Safety & Health Administration

TWA: 8-Hour Time-Weighted Average

STEL: Short-Term Exposure Limit

C: Ceiling Limit

REL: Recommended Exposure Limit

I: Measured as inhalable fraction of the aerosol

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION (cont.)**ENGINEERING CONTROLS:**

No special controls are required under conditions of intended use. Local exhaust ventilation should be provided when handling bulk product.

RESPIRATORY PROTECTION:

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

In the event of a bulk spill, a NIOSH-certified air-purifying respirator with organic vapor cartridges may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits and when adequate oxygen is present. Use a positive pressure air-supplied respirator if there is any potential for an uncontrolled release or any other circumstances where air purifying respirators may not provide adequate protection.

EYE PROTECTION:

No special personal protection required under conditions of intended use. In the event of a bulk spill, appropriate eye protection should be worn.

SKIN PROTECTION:

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

In the event of a bulk spill, use rubber gloves.

ADDITIONAL PROTECTIVE CLOTHING & EQUIPMENT:

NA

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear, colorless to pale yellow
Odor:	Odorless
Odor Threshold:	Not determined
pH-Value:	6.4 – 6.5
Melting Point:	Not applicable
Freezing Point:	Not determined
Initial Boiling Point:	Not determined
Flash Point:	Not applicable
Evaporation Rate:	Not determined
Flammability (solid,gas):	Not applicable
Explosion Limits:	Not determined
Vapor Pressure:	Not determined
Vapor Density:	Not determined
Specific Gravity (H₂O=1):	Not determined
Solubility:	Soluble
Partition Coefficient:	Not applicable
Auto-Ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined

Section 10: STABILITY AND REACTIVITY**GENERAL:**

Stable under normal conditions.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:

None.

HAZARDOUS POLYMERIZATION:

Will not occur.

HAZARDOUS DECOMPOSITION:

None identified.

Section 11: TOXICOLOGICAL INFORMATION

RTECS No.: WG2100000

Sorbic Acid

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

RTECS No.: AH4410000

Edetate Disodium

Toxicity Data: ORL-RAT No LD50 listed

RTECS No.: VZ4725000

Sodium Chloride

Toxicity Data: ORL-RAT LD50: 3000 MG/KG

RTECS No.: VZ2275000

Sodium Borate

Toxicity Data: ORL-RAT LD50: 2660 MG/KG

RTECS No.: NF9125000

Hydroxypropyl Methyl Cellulose

Toxicity Data: INTRAPERITONEAL-
RAT LD50: 5200 MG/KG

Sensitive Eyes™ Lens Lubricant

MATERIAL SAFETY DATA SHEET

Page 7 of 8

Section 11: TOXICOLOGICAL INFORMATION (cont.)

RTECS No.: ED4550000

Boric Acid

Toxicity Data: ORL-RAT LD50: 2660 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.

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.

Section 14: TRANSPORT INFORMATION

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

Sensitive Eyes™ Lens Lubricant is considered not hazardous under the Occupational Safety & Health Administration Hazard Communication Standard.

Sensitive Eyes™ Lens Lubricant

MATERIAL SAFETY DATA SHEET

Page 8 of 8

Section 15: REGULATORY INFORMATION (cont.)

REACH:

CAS #	REACH	SVHC	SIN
110-44-1	PR	No	No
6381-92-6	PR	No	No
7647-14-5	PR	No	No
1303-96-4	PR	No	Yes
9004-65-3	PR	No	No
11111-34-5	PR	No	No
10043-35-3	PR	No	Yes
7732-18-5	PR	No	No

PR: Pre-Registered

SVHC: Substance of Very High Concern

SIN: Substitute It Now

TOXIC SUBSTANCE CONTROL ACT (TSCA):

All chemical components of this product are listed on, or are in compliance with, the requirements of the TSCA Chemical Substance Inventory.

SARA TITLE III (Superfund Amendments and Reauthorization Act):

SECTION 302 (Extremely Hazardous Substances): No Components Listed

SECTION 311, 312 (Hazard Categories): No Components Listed

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.