



Soothe[®] XP Emollient (Lubricant) Eye Drops

MATERIAL SAFETY DATA SHEET

Effective Date: 6/25/07

Supersedes: None

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Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Bausch & Lomb Soothe[®] XP Emollient (Lubricant) Eye Drops **For Information:** 1-585-338-6000
Product Code(s): 622228 **For Emergency:** 1-800-535-5053
Chemical Family:
Manufacturer: Bausch & Lomb, Incorporated
Address: 1400 N. Goodman Street
Rochester, New York 14609

Section 2: COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	COMPONENT NAME	% W/W	OCCUPATIONAL EXPOSURE LIMITS / GUIDELINES										UNITS	
			OSHA PEL TWA / STEL	ACGIH TLV TWA / STEL	NIOSH REL TWA / STEL	IRELAND TWA / STEL	HSE TWA / STEL							
8042-47-5	Mineral Oil, USP	4.5	5	NE	5	10	NE	NE	NE	NE	NE	NE	NE	mg/m ³
8042-47-5	Light Mineral Oil, USP	1.0	5	NE	5	10	NE	NE	NE	NE	NE	NE	NE	mg/m ³
7647-14-5	Sodium Chloride	< 1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
9005-65-6	Polysorbate 80, NF	< 1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
6381-92-6	Disodium EDTA, USP	< 0.1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
7558-79-4	Sodium Phosphate Dibasic, Anhydrous	< 1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
10049-21-5	Sodium Phosphate Monobasic, Monohydrate, USP	< 0.1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
32289-58-0	Polyhexamethylene Biguanide 20% (PHMB)	< 1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
9004-87-9	Octoxynol-40	< 1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
7732-18-5	Purified Water		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
TOTAL		100*												

N/E: Not Established OSHA: Occupational Safety & Health Administration TWA: 8-Hour Time-Weighted Average
N/A: Not Applicable PPM: Parts Per Million STEL: Short-Term Exposure Limit
ACGIH: American Conference of Governmental Industrial Hygienists C: Ceiling Limit
NIOSH: National Institute for Occupational Safety & Health REL: Recommended Exposure Limit

* pH balanced with sodium hydroxide and/or hydrochloric acid

Section 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Milky white to off-white viscous liquid with Odorless to faint, mild petroleum odor. This product is intended for use as a general eye-care lubricant. If you are allergic to any ingredient in this product, DO NOT USE. Keep out of reach of

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Section 3: HAZARDS IDENTIFICATION (cont.)

PRECAUTIONS:

This product is intended as a general eye-care lubricant. This solution is not intended for use with soft, hard or rigid gas-permeable lenses. If any discomfort develops, immediately discontinue use of this product. If discomfort persists, contact your eye care professional. Use only in accordance with product literature.

If you are allergic to any ingredient in this product, DO NOT USE.

Keep out of reach of children.

POTENTIAL HEALTH EFFECTS

EYE:

A brief period of blurring is typical upon application. Non-irritating to the eyes when used as directed.

SKIN:

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

INGESTION:

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

INHALATION:

No known hazard when used as directed.

CHRONIC HEALTH EFFECTS

No known chronic hazards.

CARCINOGENICITY:

NTP: No ingredients listed.

IARC: CAS# 8042-47-5, Group 3 (Not classifiable as to its carcinogenicity to humans)

OSHA: No ingredients listed.

Section 4: FIRST AID MEASURES

EYES:

If discomfort or irritation develops, discontinue product use and contact your eye care professional. Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

SKIN:

No specific treatment is necessary since this material is not likely to be hazardous by contact with the skin or mucous membranes. Wash affected skin thoroughly with soap and water.

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Section 4: FIRST AID MEASURES (cont.)

INGESTION:

If quantities are accidentally ingested, 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

General Information:

Contain spill and absorb with a suitable inert material, then place in a chemical waste container. Dispose of in accordance with Section 13.

Section 7: HANDLING AND STORAGE

HANDLING:

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

STORAGE:

Store product upright in original containers with the cap tightly closed at a controlled room temperature 15⁰-30⁰ C (59⁰-86⁰ F). **KEEP OUT OF 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: Milky white to off-white viscous liquid
Odor: Odorless to faint, mild petroleum odor

CHEMICAL PROPERTIES:

Boiling Point:	Not Determined	Melting Point:	Not Applicable
Vapor Pressure:	Not Determined	Vapor Density:	Not Determined
Solubility In Water:	Highly Soluble	Specific Gravity (H2O = 1):	~1.0
pH:	6.0– 7.8	Freezing Point:	Not Determined
Molecular Weight:	Mixture, Not Applicable		

Section 10: STABILITY AND REACTIVITY

GENERAL:

Stable under normal conditions.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:

Extreme heat or cold.

HAZARDOUS POLYMERIZATION:

Will not occur.

HAZARDOUS DECOMPOSITION:

None identified.

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Section 11: TOXICOLOGICAL INFORMATION

RTECS No.: PY8047000

Mineral Oil

Toxicity Data: ORL-RAT TDLo: 92 GM/KG/92D

RTECS No.: VZ4725000

Sodium Chloride

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

RTECS No.: WG2932500

Polysorbate 80, NF

Toxicity Data: ORL-RAT LD50: 34500 UL/KG

RTECS No.: AH4410000

Disodium EDTA, USP

Toxicity Data: ORL-RAT LD50: Not Available

RTECS No.: WC4500000

Sodium Phosphate Dibasic, Anhydrous

Toxicity Data: ORL-RAT LD50: 17000 MG/KG

RTECS No.: Not Available

Sodium Phosphate Monobasic, Monohydrate, USP

Toxicity Data: ORL-RAT LD50: Not Available

RTECS No.: TQ9856000

PHMB

Toxicity Data: ORL-RAT LD50: 2.5-2.7 GM/KG*

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Section 11: TOXICOLOGICAL INFORMATION (cont.)

RTECS No.: RL1070000

Octoxynol-40

Toxicity Data: ORL-RAT LD50: 7900 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 data available on the environmental impact of 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 responsibility solely of the waste generator.

Section 14: TRANSPORT INFORMATION

	US DOT	IATA	IMO	RID/ADR	Canadian DG
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):

This product is considered hazardous under the Occupational Safety & Health Administration Hazard Communication Standard.

TOXIC SUBSTANCE CONTROL ACT (TSCA):

CAS# 8042-47-5 is listed on the TSCA Inventory.
CAS# 7647-14-5 is listed on the TSCA Inventory.
CAS# 9005-65-6 is listed on the TSCA Inventory.
CAS# 6381-92-6 is listed on the TSCA Inventory.
CAS# 7558-79-4 is listed on the TSCA Inventory.
CAS# 10049-21-5 is listed on the TSCA Inventory.

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Section 15: REGULATORY INFORMATION (cont.)

CAS# 32289-58-0 is listed on the TSCA Inventory.

CAS# 9004-87-9 is listed on the TSCA Inventory.

CAS# 7732-18-5 is listed 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): NA

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 that 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.