



Boston Lens Cleaning Polish

MATERIAL SAFETY DATA SHEET

Effective Date: 1/9/08 Supersedes: 7/29/93

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Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Boston Lens Cleaning Polish
Product Code(s): IP-2166
Manufacturer: Bausch & Lomb, Incorporated
Address: 1400 N. Goodman Street
Rochester, New York 14609

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

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						
7647-14-5	Sodium Chloride	< 8	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
68917-18-0	Cornmint Oil	< 1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
1344-28-1	Aluminum Oxide	< 14	15*5**	NE	10	NE	LFC	NE	10*4**	NE	10*4**	NE	mg/m ³
25446-78-0	Sodium Tridecyl Ether Sulfate	< 45	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
7732-18-5	Distilled Water	< 36	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

LFC: Lowest Feasible Concentration

PPM: Parts Per Million

*: Total Dust **: Respirable Dust

q.s.: Sufficient Quantity

TWA: 8-Hour Time-Weighted Average

STEL: Short-Term Exposure Limit

C: Ceiling Limit

REL: Recommended Exposure Limit

OSHA: Occupational Safety & Health Administration

mg/m³: Milligrams Per Cubic Meter

mppcf: Million Particles Per Cubic Foot

Section 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Boston Lens Cleaning Polish is thick white, slightly fragrant liquid. This product is used as a cleaning agent when manufacturing Rigid Contact Lenses, in accordance with labeled instructions. Not for resale or distribution to the customer. This product is "For Professional Use Only". It is not to be administered to the eyes or through any other routes of exposure. Keep this and all drugs out of the reach of children.

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Section 3: HAZARDS IDENTIFICATION (cont.)
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PRECAUTIONS:

This product is a cleaning polish used during the manufacturing of fluoro silicone acrylate and silicone acrylate rigid gas permeable (RGP) contact lenses. It is **"For Professional Use Only"**. It is **not for sale or distribution to the customer**. Use only in accordance with product literature. It is not to be administered to the eyes or through any other routes of exposure. **Keep this and all drugs out of the reach of children**. If you are allergic to any ingredient in this product, **DO NOT USE**. **Not for use with soft (hydrophilic) contact lenses**.

POTENTIAL HEALTH EFFECTS

EYE:

Can cause severe eye irritation.

SKIN:

Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

INGESTION:

Not expected to be an exposure route. However, may be irritating to mouth, throat, stomach and intestinal tract.

INHALATION:

Not expected to be an exposure route. However, the breathing of mists may cause respiratory tract irritation.

CHRONIC HEALTH EFFECTS

No known chronic hazards.

CARCINOGENICITY:

NTP: No ingredients listed.

IARC: CAS# 1344-28-1: Group 3 carcinogen (The agent is not classifiable as to its carcinogenicity to humans)

OSHA: No ingredients listed.

Section 4: FIRST AID MEASURES

EYES:

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

SKIN:

No Wash thoroughly with soap and water. Get medical attention if irritation or other symptoms develop or persist.

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

If swallowed, contact the Poison Control Center and obtain appropriate medical attention immediately.

INHALATION:

If exposed to excessive levels of mists, remove to fresh air. Get medical attention if cough or other symptoms develop.

Section 5: FIRE FIGHTING MEASURES
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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
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HANDLING:

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

STORAGE:

Store at room temperature. Avoid freezing.

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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
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PHYSICAL PROPERTIES:

Appearance / Physical State:	Thick White Liquid
Odor:	Slight Mint Fragrance

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):	Not Determined
pH:	Not Determined	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:

None.

HAZARDOUS POLYMERIZATION:

Will not occur.

HAZARDOUS DECOMPOSITION:

None identified.

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Section 11: TOXICOLOGICAL INFORMATION
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RTECS No.: VZ4725000

Sodium Chloride

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

RTECS No.: GM4440000

Cornmint Oil

Toxicity Data:	ORL-RAT	LD50: 1240 MG/KG
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RTECS No.: BD1200000

Aluminum Oxide

Toxicity Data:	INH-RAT	TCLo: 200 MG/M3/5H/28W
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RTECS No.: NE

Sodium Tridecyl Ether Sulfate

Toxicity Data:	ORL-RAT	LD50: 7.3 ML/KG *
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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
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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.

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Section 14: TRANSPORT INFORMATION
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	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):

Boston Lens Cleaning Polish is considered hazardous under the Occupational Safety & Health Administration Hazard Communication Standard.

TOXIC SUBSTANCE CONTROL ACT (TSCA):

CAS# 1344-28-1 is listed on the TSCA Inventory.
CAS# 25446-78-0 listed on the TSCA Inventory.
CAS# 7732-18-5 is listed on the TSCA Inventory.
CAS# 68917-18-0 is listed on the TSCA Inventory.
CAS# 7647-14-5 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.