



Moisture Eyes™ Liquid Gel Lubricant Eye Drops

MATERIAL SAFETY DATA SHEET

Effective Date: 11/28/05 Supersedes: 4/24/02

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Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Moisture Eyes™ Liquid Gel Lubricant Eye Drops

For Information: 1-800-553-5340

For Emergency: 1-800-535-5053

Product Code: 622164

Chemical Family: NA

Manufactured For: Bausch & Lomb Incorporated

Address: 1400 N. Goodman Street
Rochester, New York 14603-0450

Section 2: COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	COMPONENT NAME	% W/V	OCCUPATIONAL EXPOSURE LIMITS / GUIDELINES										UNITS	
			OSHA PEL TWA /STEL	ACGIH TLV TWA /STEL	NIOSH REL TWA /STEL	IRELAND TWA /STEL	HSE TWA /STEL							
9004-54-0	Dextran 70	0.1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
9004-65-3	Hydroxypropyl Methylcellulose	0.8	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
8001-54-5	Benzalkonium Chloride	0.01	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	NA

Other Ingredients <1% - Sodium Chloride, Dextrose, Dibasic Sodium Phosphate, Monobasic Sodium Phosphate, Potassium Chloride. May also contain Hydrochloric Acid and/or Sodium Hydroxide to adjust pH.

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

Colorless, transparent, viscous solution. For eyes only. 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 effective relief for moderate to severe dry eye. Remove contact lenses before using. If any discomfort develops, immediately discontinue use of this product. If discomfort persists, contact your eye care professional. Use 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

Target Organs:

Inhalation, eye, or skin contact. The potential for absorption through intact or broken skin has not been evaluated.

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.

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.

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 to prevent contact with skin and eyes.

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 at room temperature.

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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 solution
Odor: Odorless

CHEMICAL PROPERTIES:

Boiling Point:	Not Determined	Melting Point:	Not Applicable
Vapor Pressure:	Not Applicable	Vapor Density:	Not Applicable
Solubility In Water:	Soluble	Specific Gravity (H2O = 1):	1
pH:	Not Determined	Freezing Point:	Not Determined
Molecular Weight:	Not Applicable, Mixture	Percent Volatile by Volume:	< 1

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

In initial, single-dose screens, Moisture Eyes™ Liquid Gel Lubricant Eye Drops was not irritating to the skin or eyes of rabbits. In a 1-month ocular toxicity study of Moisture Eyes™ Liquid Gel Lubricant Eye Drops, rabbits received multiple-doses by ocular instillation four times daily. There were no deaths or significant clinical findings, no treatment-related effects on body weight, and no gross postmortem or microscopic findings related to treatment.

Individual components of this formulation may cause eye and skin irritation when tested singularly. Toxicity studies performed using Moisture Eyes™ Liquid Gel Lubricant Eye Drops showed no evidence of eye or skin irritation.

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):

Moisture Eyes™ Liquid Gel Lubricant Eye Drops is not considered hazardous under the Occupational Safety & Health Administration Hazard Communication Standard.

TOXIC SUBSTANCE CONTROL ACT (TSCA):

All ingredients are listed on the TSCA Inventory (exception below).
CAS # 8001-54-5 is on the TSCA test submission data base.

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

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Section 15: REGULATORY INFORMATION (cont.)

FDA DESIGNATIONS: NDC No. 10119-2164-5

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.