



# Preservative Free Moisture Eyes™ Liquid Gel Lubricant Eye Drops

## MATERIAL SAFETY DATA SHEET

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

Page 1 of 6

### Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Preservative Free Moisture Eyes™  
Liquid Gel Lubricant Eye Drops

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

**Product Code:** 622166  
**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/W	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
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  
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.**

# Preservative Free Moisture Eyes™ Liquid Gel Lubricant Eye Drops

## MATERIAL SAFETY DATA SHEET

Page 2 of 6

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

#### PRECAUTIONS:

This product is intended as an effective relief for moderate to severe dry eye. 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.

# Preservative Free Moisture Eyes™ Liquid Gel Lubricant Eye Drops

## MATERIAL SAFETY DATA SHEET

Page 3 of 6

### 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.

# Preservative Free Moisture Eyes™ Liquid Gel Lubricant Eye Drops

## MATERIAL SAFETY DATA SHEET

Page 4 of 6

### 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:

<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>	Soluble	<b>Specific Gravity (H2O = 1):</b>	1
<b>pH:</b>	Not Determined	<b>Freezing Point:</b>	Not Determined
<b>Molecular Weight:</b>	Not Applicable, Mixture	<b>Percent Volatile by Volume:</b>	< 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

# Preservative Free Moisture Eyes™ Liquid Gel Lubricant Eye Drops

## MATERIAL SAFETY DATA SHEET

Page 5 of 6

### Section 11: TOXICOLOGICAL INFORMATION

In initial, single-dose screens, Preservative Free 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 Preservative Free 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 Preservative Free 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
<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):

Preservative Free 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.

#### 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

**FDA DESIGNATIONS:** NDC No. 10119-2166-8

# Preservative Free Moisture Eyes™ Liquid Gel Lubricant Eye Drops

## MATERIAL SAFETY DATA SHEET

Page 6 of 6

### Section 15: REGULATORY INFORMATION (cont.)

#### **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.*