



**Gonioscopic Prism (Hydroxypropyl Methylcellulose) Ophthalmic Solution (sterile)
MATERIAL SAFETY DATA SHEET**

Effective Date: 1/25/08

Supersedes: 9/7/94

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Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Gonioscopic Prism (Hydroxypropyl Methylcellulose)
Ophthalmic Solution (sterile)

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

Product Code(s):
NDC No.(s): NDC 59414-104-15

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							
9004-65-3	Hydroxypropyl Methylcellulose	2.5	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
10043-35-3	Boric Acid, NF	< 5	NE	NE	2	6	NE	NE	NE	NE	NE	NE	NE	MG/M ³
7447-40-7	Potassium Chloride	< 1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
1330-43-4	Sodium Borate	< 1	NE	NE	2	6	5	NE	5	NE	5	NE	NE	MG/M ³
139-33-3	Edetate Disodium Dihydrate, USP	< 1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
7732-18-5	Purified Water, USP	> 95	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
TOTAL		100												

May also contain Hydrochloric Acid and/or Sodium Hydroxide to adjust pH.
N/E: Not Established OSHA: Occupational Safety & Health Administration
N/A: Not Applicable PPM: Parts Per Million
ACGIH: American Conference of Governmental Industrial Hygienists
NIOSH: National Institute for Occupational Safety & Health

TWA: 8-Hour Time-Weighted Average
STEL: Short-Term Exposure Limit
C: Ceiling Limit
REL: Recommended Exposure Limit

Section 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

For professional use in gonioscopic examinations only. Do Not Use if there exists hypersensitivity to any ingredient in this product. WARNING: Keep out of reach of children.

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Section 3: HAZARDS IDENTIFICATION (cont.)

PRECAUTIONS:

For professional use in gonioscopic examinations only. **Do Not Use:** if there exists hypersensitivity to any ingredient in this product. Use only in accordance with product literature and prescribing information.

WARNING: *Keep out of reach of children.*

POTENTIAL HEALTH EFFECTS

EYE:

May cause irritation and hypersensitivity in some individuals.

SKIN:

May cause irritation and hypersensitivity in some individuals.

INGESTION:

May be harmful if swallowed.

INHALATION:

Unlikely to be hazardous when used as directed. However, if actively concentrated and inhaled, it may cause respiratory tract irritation and hypersensitivity in some individuals.

CHRONIC HEALTH EFFECTS

None known.

Refer to the outer carton for full drug facts.

CARCINOGENICITY:

NTP: No ingredients listed.

IARC: No ingredients listed.

OSHA: No ingredients listed.

MEDICAL CONDITIONS AGGRAVATED BY OVER EXPOSURE:

None known.

Section 4: FIRST AID MEASURES

EYES:

If discomfort or irritation develops, immediately discontinue product use and contact your eye care professional. For accidental and non-therapeutic applications, flush eyes with copious amounts of water for at least 15 minutes. Get medical attention.

SKIN:

Remove all contaminated clothing. Wash contaminated area with soap and water. Get medical attention if irritation develops.

Section 4: FIRST AID MEASURES (continued)

INGESTION:

Do Not Induce Vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If product is accidentally ingested, fluids should be taken to dilute the medication. Contact a physician immediately and provide product-prescribing information.

INHALATION:

No inhalation exposure expected with this formulation under normal conditions of use. If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Contact a physician immediately.

ADDITIONAL NOTES TO PHYSICIAN:

For additional guidance, refer to the product's outer carton for full drug facts. Contact the local Poison Control Center.

Section 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash Point: Not Applicable

Method: NA

EXTINGUISHING MEDIA:

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

HAZARDOUS COMBUSTION PRODUCTS:

Hazardous products of combustion.

SPECIAL FIRE FIGHTING INSTRUCTIONS:

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

Section 6: ACCIDENTAL RELEASE MEASURES

General Information:

Use appropriate protective equipment and engineering controls (refer to Section 8).

Specific Information:

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.

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Section 7: HANDLING AND STORAGE

HANDLING:

Use only in accordance with product literature. Wash thoroughly with warm water and soap after handling.

STORAGE:

Store product in original container, with cap tightly closed, at room temperature: 15-30°C (59-86°F).

Shelf Life: Expiration date is listed on each package.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Not required during normal clinical use. Adequate general and/or local exhaust ventilation should be provided when handling bulk product.

RESPIRATORY PROTECTION:

Not required during normal clinical use.

SKIN PROTECTION:

Not required during normal clinical use. Wash thoroughly with warm water and soap after handling. Impervious chemical resistant gloves and appropriate protective clothing are recommended when directly handling bulk product.

EYE PROTECTION:

Not required during normal clinical use. Appropriate eye protection is required when handling bulk product.

ADDITIONAL PROTECTIVE CLOTHING & EQUIPMENT:

No special recommendations during normal clinical use.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL PROPERTIES:

Appearance / Physical State: Clear, colorless to slightly yellow, viscous solution
Odor/Threshold Limit: Odorless

CHEMICAL PROPERTIES:

Boiling Point:	Not Available	Melting Point:	Not Applicable
Vapor Pressure:	Not Available	Vapor Density:	Not Available
Solubility In Water:	Partially Soluble	Specific Gravity (H₂O = 1):	1.008
Ph:	6.0 –7.8	Evaporation Rate:	Not Available
Freezing Point:	Not Available	Molecular Weight:	Not Available

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Section 10: STABILITY AND REACTIVITY

GENERAL:

Stable

CONDITIONS TO AVOID:

Extreme heat or cold.

INCOMPATIBLE MATERIALS:

This product has no incompatibilities except those of water, e.g., strong acids, bases, alkali metals, alkali hydrides.

HAZARDOUS POLYMERIZATION:

Should not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon dioxides, nitrogen oxides, sulfur oxides, halogenated compounds, and hydrogen chloride.

Section 11: TOXICOLOGICAL INFORMATION

RTECS No.: NF9125000

Hydroxypropyl Methylcellulose

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

RTECS No.: BO3150000

Benzalkonium Chloride

Toxicity Data: ORL-RAT LD50: 240 MG/KG

RTECS No.: ED4550000

Boric Acid

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

RTECS No.: TS8050000

Potassium Chloride

Toxicity Data: ORL-RAT LD50: 2600 MG/KG

Section 11: TOXICOLOGICAL INFORMATION (cont.)

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RTECS No.: ED4588000

Sodium Borate

Toxicity Data: ORL-RAT LD50: 1200 MG/KG

RTECS No.: AH4375000

Edetate Disodium Dihydrate

Toxicity Data: ORL-RAT LD50: 2 GM/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 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):

Although technically exempt from the Occupational Safety & Health Administration (OSHA) Hazard Communication Standard, this product would be considered non-hazardous.

Section 15: REGULATORY INFORMATION (continued)

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TOXIC SUBSTANCE CONTROL ACT (TSCA):

CAS# 9004-65-3 is listed on the TSCA inventory.
CAS# 8001-54-5 is listed on the TSCA inventory.
CAS# 10043-35-3 is listed on the TSCA inventory.
CAS# 7447-40-7 is listed on the TSCA inventory.
CAS# 1330-43-4 is listed on the TSCA inventory.
CAS# 139-33-3 is listed on the TSCA inventory.
CAS# 7732-18-5 is listed on the TSCA inventory.

Section 15: REGULATORY INFORMATION

SARA TITLE III (Superfund Amendments and Reauthorization Act):

SECTION 302 (Extremely Hazardous Substances): No Components Listed
SECTION 311, 312 (Hazard Categories): None
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.