ReNu MultiPlus Lubricating & Rewetting Drops

MATERIAL SAFETY DATA SHEET

Effective Date: 11/07/05 Supersedes: 05/04/00

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: ReNu MultiPlus Lubricating & Rewetting Drops
Product Code: 625220
Chemical Family:
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

			OCCUPATIONAL EXPOSURE LIMITS / GUIDELINES										
			OSHA PEL		ACGIH TLV		NIOSH REL		IRELAND		HSE		
CAS #	COMPONENT NAME	% W/W	TWA	STEL	TWA	STEL	TWA	STEL	TWA	STEL	TWA	STEL	UNITS
7647-14-5	Sodium Chloride	< 1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
10043-35-3	Boric Acid	< 0.5	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
1303-96-4	Sodium Borate	< 0.5	NE	NE	2	6	5	NE	5	NE	5	NE	MG/M3
6381-92-6	Disodium Edetate	< 0.5	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
7447-40-7	Potassium Chloride	< 0.5	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
9003-39-8	Povidone (K30) USP	< 5	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
110-44-1	Sorbic Acid	< 0.5	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
7732-18-5	Purified Water	> 91	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
TOTAL		100											

N/E: Not Established
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
TWA: 8-Hour Time-Weighted Average
STEL: Short-Term Exposure Limit
C: Ceiling Limit
REL: Recommended Exposure Limit

Section 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear water-like liquid with no 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.

Section 3: HAZARDS IDENTIFICATION (cont.)

PRECAUTIONS:

This product is intended as a general eye-care lubricant. 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.

POTENTIAL HEALTH EFFECTS

EYE:

Non-irritating to the eyes when used as directed.

SKIN:

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

INGESTION:

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

INHALATION:

No hazard when used as directed.

CHRONIC HEALTH EFFECTS

No known chronic hazards.

CARCINOGENICITY:

NTP: No ingredients listed**.**
IARC: CAS# 9003-39-8: Group 3 carcinogen (The agent is not classifiable as to its carcinogenicity to humans)
OSHA: No ingredients listed.

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.

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 in accordance with product literature.

STORAGE:

Store at room temperature.

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, Water-Like Liquid
Odor:	Odorless

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):**	1.009
pH:	6.6 – 7.4	**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.

Section 11: TOXICOLOGICAL INFORMATION

RTECS No.: **ED4550000**

Boric Acid

Toxicity Data:	ORL-RAT	LD50: 2660 MG/KG
	ORL-HUMAN-MAN	LDLO: 429 MG/KG
Irritation Data:	SKN-HUMAN	15 MG/3D MILD

RTECS No.: **SC7310000**

Sodium Borate

Toxicity Data:	ORL-MOUSE	LD50: 3250 MG/KG

RTECS No.: **AH4410000**

Disodium Edetate

Toxicity Data:	ORL-RAT	LD50: 2000 MG/KG

RTECS No.: **VZ4725000**

Sodium Chloride

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

RTECS No.: **TR8370000**

Povidone (K30) USP

Toxicity Data:	ORL-RAT	LD50: 100 GM/KG
	ORL-MOUSE	LD50: >40 GM/KG

RTECS No.: **WG2100000**

Sorbic Acid

Toxicity Data:	ORL-RAT	LD50: 7360 MG/KG
Irritation Data:	SKN-HUMAN	150 MG/1H SEVERE

Section 11: TOXICOLOGICAL INFORMATION (cont.)

RTECS No.: **TS8050000**

Potassium Chloride

Toxicity Data:	ORL-RAT	LD50: 2600 MG/KG
	ORL-HUMAN	LDLO: 20 MG/KG
Irritation Data:	EYE-RABBIT	500 MG/24H MILD

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 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.

Section 15: REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200):

ReNu MultiPlus Lubricating & Rewetting Drops is considered non-hazardous under the Occupational Safety & Health Administration Hazard Communication Standard.

TOXIC SUBSTANCE CONTROL ACT (TSCA):

All components of this product are listed on the TSCA inventory list.

Section 15: REGULATORY INFORMATION (cont.)

SARA TITLE III (Superfund Amendments and Reauthorization Act):

- **SECTION 302 (Extremely Hazardous Substances):** NA
- **SECTION 311/312 (HAZARD CATEGORIES):** NA
- **SECTION 313 (Toxic Chemicals):** NA

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 nor any of its subsidiaries be liable for any special, incidental or consequential damages.