BAUSCH + LOMB

Bausch + Lomb clens™ premoistened cleaning tissue

MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

PRODUCT:

Product Name: Bausch + Lomb clens™ premoistened cleaning tissue
Product Description: Tissue impregnated with dilute solvent and detergent solution

Product Code(s): 1250
Intended Use: Cleaning tissue for glass and plastic lenses

COMPANY IDENTIFICATION:

Bausch & Lomb, Incorporated
1400 N. Goodman Street
Rochester, New York 14609

For Information: 1-800-553-5340

EMERGENCY TELEPHONE NUMBER:

24-Hour Emergency: 1-800-535-5053

Section 2: HAZARD(S) IDENTIFICATION

CLASSIFICATION: Flammable liquid; Category 3
Eye irritation; Category 2A

LABELING:

Pictograms:



Signal Word: Warning

Hazard Statements: Flammable liquid and vapor
Causes serious eye irritation

Precautionary Statements: Keep away from ignition sources such as heat/sparks/open flames – No smoking
Not For Use on Contact Lenses
Store in a cool, well-ventilated place
Use only in accordance with label instructions.
Avoid release to the environment.
Keep Out of Reach of Children

Section 2: HAZARD(S) IDENTIFICATION (cont.)

POTENTIAL HEALTH EFFECTS

EYE:

Avoid contact with the eye. May cause severe eye irritation.

SKIN:

Frequent or prolonged contact with skin or mucous membranes may cause irritation or dryness.

INGESTION:

Not expected to be an exposure route. However, may cause gastric and intestinal irritation if ingested.

INHALATION:

Not expected to be a significant exposure route. Vapor or mist may be irritating to mucous membranes and upper respiratory tract.

CHRONIC HEALTH EFFECTS

None identified.

CARCINOGENICITY:

NTP: NA
IARC: (CAS# 67-63-0) Group 3, not classifiable for human.
OSHA: NA

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	Chemical Identitiy	Concentration, % W/W	EINECS / ELINCS #
67-63-0	Isopropyl Alcohol	32	200-661-7
Proprietary	Detergent	Proprietary	NA
7732-18-5	Purified Water	Proprietary	231-791-2

Section 4: FIRST AID MEASURES

INHALATION:

Normal use of this product does not pose an inhalation hazard. However, should respiratory tract irritation develop, discontinue use and remove to fresh air. Get medical attention if irritation or other symptoms develop or persist.

Section 4: FIRST AID MEASURES (cont.)

SKIN CONTACT:

Should irritation develop, discontinue use. Wash affected skin thoroughly with soap and water. Get medical attention if irritation or other symptoms develop or persist.

EYE CONTACT:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.

INGESTION:

If swallowed, DO NOT induce vomiting. Seek medical attention immediately.

NOTE TO PHYSICIAN:

Material if ingested may be aspirated into the lungs and can cause chemical pneumonitis. Treat appropriately.

Section 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Carbon dioxide, dry chemical powder, appropriate foam or water fog.

HAZARDOUS COMBUSTION PRODUCTS:

During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

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

PERSONAL PRECAUTIONS:

Wear suitable protective eyewear, clothing, respiratory protection, rubber boots and rubber gloves.
Shut off all sources of ignition. Evacuate immediate area. Ensure adequate ventilation. Refer to Sections 7 and 8.

ENVIRONMENTAL PRECAUTIONS:

Prevent spilled material from entering storm sewers or drains, waterways, and contact with soil.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Isolate hazard area. Prevent from entering drains and sewers. Cover with vermiculite or other suitable inert material, pick up and place in closed containers. Transport outdoors and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

Refer to Section 13 for appropriate disposal procedures.

Section 7: HANDLING AND STORAGE

HANDLING:

Avoid contact with eyes. Avoid prolonged or repeated exposure to skin or mucous membranes, and breathing mists/vapors. Use in a well ventilated area, away from all ignition sources. Wash thoroughly with soap and water after handling.

STORAGE:

Store product at room temperature, in a well ventilated area away from heat, sparks or flames . Discard appropriately if package integrity is compromised.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS:

		OCCUPATIONAL EXPOSURE LIMITS / GUIDELINES										
		OSHA PEL		ACGIH TLV		NIOSH REL		IRELAND		HSE		
CAS #	COMPONENT NAME	TWA	STEL	TWA	STEL	TWA	STEL	TWA	STEL	TWA	STEL	UNITS
67-63-0	Isopropyl Alcohol	400	NE	200	400	400	500	400	500	400	500	ppm
Proprietary	Detergent	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
7732-18-5	Purified Water	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA

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

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

ENGINEERING CONTROLS:

Use with good general ventilation. No special controls required.

RESPIRATORY PROTECTION:

No special controls or personal protection required under conditions of intended use.

In the event of a spill, a NIOSH-certified air-purifying respirator with organic vapor cartridges may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits and when adequate oxygen is present. Use a positive pressure air-supplied respirator if there is any potential for an uncontrolled release or any other circumstances where air purifying respirators may not provide adequate protection.

EYE PROTECTION:

Avoid contact with the eye. No special controls or personal protection required under conditions of intended use**.**

In the event of a spill, appropriate eye protection should be worn.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION (cont.)

SKIN PROTECTION:

No special controls or personal protection required under conditions of intended use.

In the event of a spill, use rubber gloves.

ADDITIONAL PROTECTIVE CLOTHING & EQUIPMENT:

NA

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Moist paper tissue
Color:	White (tissue), Clear (liquid)
Odor:	Slight alcohol odor
Odor Threshold:	Not determined
pH-Value:	7
Melting Point:	Not applicable
Freezing Point:	Not determined
Initial Boiling Point:	83.8°C (183ºF) Liquid component
Flash Point:	30°C (86°F) ASTM Method D1310-86
Evaporation Rate:	Not determined
Flammability (solid,gas):	Flammable
Explosion Limits:	Not determined
Vapor Pressure:	Not determined
Vapor Density:	Not determined
Specific Gravity (H_2O=1):	0.96 Liquid component
Solubility:	Liquid component soluble in water
Partition Coefficient:	Not applicable
Auto-Ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined

Section 10: STABILITY AND REACTIVITY

REACTIVITY:

No known hazards.

CHEMICAL STABILITY:

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

None are known.

CONDITIONS TO AVOID:

Heat, sources of ignition.

Section 10: STABILITY AND REACTIVITY (cont.)

INCOMPATIBLE MATERIALS:

Caustics, strong acids, alkanolamines, strong oxidizing agents, and chlorinated compounds.

HAZARDOUS DECOMPOSITION:

None known

Section 11: TOXICOLOGICAL INFORMATION

RTECS No.: **NT8050000**

Isopropyl Alcohol

Toxicity Data:	ORL-RAT	LD50: 5045 MG/KG
	IHL-RAT	LC50: 16000 PPM/8H
	SKN-RBT	LD50: 12800 MG/KG
Irritation Data:	EYE-RBT	100 MG SEV
	SKN-RBT	500 MG (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 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			

* Exempt under Part 172.102 (c)47, Special Provisions

Section 15: REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200):

Bausch + Lomb clens™ premoistened cleaning tissue is considered hazardous under the Occupational Safety & Health Administration Hazard Communication Standard.

REACH:

CAS #	REACH	SVHC	SIN
67-63-0	PR	No	No
7732-18-5	PR	No	No

PR: Pre-Registerd
SVHC: Substance of Very High Concern
SIN: Substitute It Now

TOXIC SUBSTANCE CONTROL ACT (TSCA):

CAS# 67-63-0 is listed on the TSCA Inventory.
CAS# 7732-18-5 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): Fire, Acute, Chronic
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 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.