Pre-Moistened Lens Cleaning Tissue (Peel & Re-Seal)

MATERIAL SAFETY DATA SHEET

Effective Date: 5/10/04  Supersedes: None  Page 1 of 6

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Pre-Moistened Lens Cleaning Tissue (Peel & Re-Seal)  For Information: 1-800-553-5340
Product Code: 1507GM  For Emergency: 1-800-535-5053

Chemical Family: Solvent Blend

Manufactured For: Bausch & Lomb Incorporated
Address: Vision Accessories
1400 N. Goodman Street
Rochester, New York 14603

Section 2: COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>COMPONENT NAME</th>
<th>% W/V</th>
<th>OCCUPATIONAL EXPOSURE LIMITS / GUIDELINES</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-63-0</td>
<td>Isopropyl Alcohol</td>
<td>&lt; 35</td>
<td>OSHA PEL: 400 NE</td>
</tr>
<tr>
<td>111-76-2</td>
<td>2-Butoxyethanol</td>
<td>&lt; 5</td>
<td>OSHA PEL: 50 (skin) NE</td>
</tr>
<tr>
<td>107-21-1</td>
<td>Ethylene Glycol</td>
<td>&lt; 0.05</td>
<td>OSHA PEL: NE NE NE C 100</td>
</tr>
<tr>
<td>NA</td>
<td>Non-Hazardous Ingredients</td>
<td>&gt; 60</td>
<td>OSHA PEL: NE NE NE NE NE NE NE NE NE</td>
</tr>
</tbody>
</table>

TOTAL 100

N/E: Not Established  OSHA: Occupational Safety & Health Administration
TWA: 8-Hour Time-Weighted Average  PPM: Parts Per Million
N/A: Not Applicable  STEL: Short-Term Exposure Limit
ACGIH: American Conference of Governmental Industrial Hygienists  C: Ceiling Limit
NIOSH: National Institute for Occupational Safety & Health  REL: Recommended Exposure Limit

Section 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear, colorless liquid on white paper tissue. Mild odor. Avoid contact with the eye. Causes eye irritation or burns with discomfor, tearing or blurring of vision, and possible permanent eye damage. Vapors may be irritating. Corneal injury may occur. May cause skin irritation or dryness. Vapors may cause irritation to the nose, throat and respiratory tract. Ingestion may cause gastric and intestinal irritation. Seek medical attention immediately.
PRECAUTIONS:

This product is intended to be used as a lens cleaning agent for eyeglasses, safety glasses, face shields or other similar glass and plastic lens materials. If you are sensitive to any of its components, do not use. Use only in accordance with label instructions.

POTENTIAL HEALTH EFFECTS

EYE:

Avoid contact with the eye. Causes eye irritation or burns with discomfor, tearing or blurring of vision, and possible permanent eye damage. Vapors may be irritating. Corneal injury may occur.

SKIN:

Frequent or prolonged contact with skin or mucous membranes may cause irritation or dryness. Prolonged or widespread contact may result in the absorption of potentially harmful amounts of material.

INGESTION:

Not expected to be a significant exposure route. Mildly toxic by ingestion. Large amounts may cause nausea, dizziness, and diarrhea. Other effects of ingestion may include low blood pressure, rapid heart rate, shock and breathing difficulty. Liquid ingestion may result in vomiting; aspiration (breathing liquid into the lungs) must be avoided to prevent chemical pneumonitis and pulmonary edema/hemorrhage. May produce central nervous system depression. May cause kidney and liver damage.

INHALATION:

Not expected to be a significant exposure route. Vapor or mist may be irritating to mucous membranes and upper respiratory tract. Concentrated inhalation exposure can lead to central nervous system depression producing effects such as headaches, nausea, dizziness, and loss of consciousness. Extreme exposures may cause other central nervous system effects, including death.

OTHER HEALTH EFFECTS

Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product. Avoid simultaneous exposures to isopropyl alcohol and haloalkanes, such as chloroform, trichloroethane and carbon tetrachloride. Coexposure greatly increases the kidney and liver toxic effects of these haloalkanes, leading to hepatitis and kidney failure. Liver damage may be evidenced by loss of appetite, jaundice and pain in the upper abdomen on the right side.

CARCINOGENICITY:

NTP: NA
IARC: NA
OSHA: NA

Section 4: FIRST AID MEASURES

EYES:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
SKIN:
Wash affected skin thoroughly with soap and water. Get medical attention if irritation or other symptoms develop or persist.

INGESTION:
If swallowed, seek medical attention immediately.

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

NOTES TO PHYSICIAN:
If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage should be considered following intubation with a cuffed endotracheal tube. Metabolism of isopropyl alcohol forms acetone, which may be detected in the urine and expired air. In contrast to diabetic acidosis, acidosis will occur in the absence of hyperglycemia. Hemodialysis should be considered in severe acute intoxications.

---

Section 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:
Flash Point: 84°F (28.9°C)
Method: (TCC)
Flammable Limits: LEL: ~ 1.1 UEL: ~ 12

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:
Evacuate area of unprotected personnel. Wear a NIOSH approved self-contained breathing apparatus and full protective gear to prevent contact with skin and eyes. Cool fire-exposed containers with water spray. Run-off from fire may cause pollution.

UNUSUAL FIRE EXPLOSION HAZARDS:
FLAMMABLE LIQUID. Vapors are heavier than air. Vapors may settle in low or confined areas, or travel long distances along the ground or surface to a source of ignition where they may ignite, flashback or explode. Keep away from heat, sparks, flames, or other sources of ignition.
Section 6: ACCIDENTAL RELEASE MEASURES

FLAMMABLE MATERIAL. Eliminate all sources of ignition. Maintain adequate ventilation. Use appropriate personal protective equipment. Contain spilled material and place into drums for proper disposal. Soak up residue with non-flammable absorbent material. Place in leak-free containers for immediate disposal. Flush remaining area with water to remove trace residue and dispose of properly. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs. Dispose of all wastes in accordance with Section 13.

Section 7: HANDLING AND STORAGE

HANDLING:

No special handling is required under the conditions of intended use. Avoid contact with eyes. Avoid prolonged or repeated exposure to skin or mucous membranes. Wash thoroughly after handling. Do not swallow. Use with adequate ventilation. Avoid prolonged or repeated breathing of vapors.

STORAGE:

Store product in a cool, well ventilated area away from heat, sparks or flames. Keep containers tightly closed. Aluminum equipment should not be used for storage and/or transfer. Store away from incompatible materials. Discard appropriately if package integrity is compromised.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use with good general ventilation. No special controls required under conditions of intended use.

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. Wash thoroughly after skin contact.

EYE PROTECTION:

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

ADDITIONAL PROTECTIVE CLOTHING & EQUIPMENT:

Eye-wash station, safety shower.
Section 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL PROPERTIES:
- **Appearance / Physical State:** Clear, colorless moist white paper tissue
- **Odor:** Mild odor

CHEMICAL PROPERTIES:
- **Boiling Point:** NE
- **Vapor Pressure:** NE
- **Vapour Density (air=1):** > 1
- **Solubility In Water:** Complete
- **VOC's:** 100%
- **Specific Gravity (H₂O = 1):** 0.9474 @ 25 °C
- **Freezing Point:** NE
- **Evaporation Rate (n-butyl acetate=1):** NE

Section 10: STABILITY AND REACTIVITY

GENERAL:
Stable under normal conditions.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:
Keep away from heat, sparks, flames. Keep away from strong oxidizing agents, acids, alkalies, ammonia, amines, isocyanates, aluminum, chlorinated compounds, aldehydes, halogens or halogen compounds, alkanolamines and ethylene oxide.

HAZARDOUS POLYMERIZATION:
Does not occur

HAZARDOUS DECOMPOSITION:
Thermal decomposition may produce carbon monoxide, carbon dioxide, and unidentifiable organic materials.

Section 11: TOXICOLOGICAL INFORMATION

RTECS No.: NT8050000
Isopropyl Alcohol

<table>
<thead>
<tr>
<th>Toxicity Data</th>
<th>ORL-RAT</th>
<th>IHL-RAT</th>
<th>SKN-RBT</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD₅₀:</td>
<td>5045 MG/KG</td>
<td>16000 PPM/8H</td>
<td>12800 MG/KG</td>
</tr>
<tr>
<td>LC₅₀:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Irritation Data</th>
<th>EYE-RBT</th>
<th>SKN-RBT</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 MG SEV</td>
<td></td>
<td>500 MG (MILD)</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th></th>
<th>US DOT (Ground)</th>
<th>US DOT (Air)</th>
<th>IATA/ICAO *</th>
<th>IMO **</th>
<th>RID/ADR</th>
<th>Canadian TDG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>Consumer Commodity</td>
<td>Consumer Commodity</td>
<td>Consumer Commodity</td>
<td>Solids Containing Flammable Liquids</td>
<td>Unknown</td>
<td>Unknown</td>
</tr>
<tr>
<td>Hazard Class:</td>
<td>ORM-D</td>
<td>ORM-D-Air</td>
<td></td>
<td>4.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UN Number:</td>
<td>None</td>
<td>None</td>
<td>ID 8000, 910 (Pkg.Inst.)</td>
<td>3175</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Packing Group:</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMS Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>F-A, S-1, FP 84 °F (28.9 °C)</td>
<td></td>
</tr>
</tbody>
</table>

* Must have Declaration of Dangerous Goods.
** Must have Declaration of Dangerous Goods and UN packaging.

Section 15: REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200):

This product is 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): Acute, Chronic, Flammable
SECTION 313 (Toxic Chemicals): Ethylene Glycol (107-21-1)

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.