

Safety Data Sheet

Section 1: Identification

Product identifier

- Product Name** • **Sight Saver Pre-moistened Lens Cleaning Tissue (Peel & Re-Seal)**
- Product Code** • 1507GM
- Product Description** • Tissue impregnated with dilute solvent and detergent solution.

Relevant identified uses of the substance or mixture and uses advised against

- Recommended use** • Cleaning tissue for glass and plastic lenses.

Details of the supplier of the safety data sheet

- Manufacturer** • Bausch & Lomb
1400 North Goodman Street
Rochester, NY 14609
United States
bausch.com
- Telephone (General)** • 1-800-553-5340

Emergency telephone number

- Manufacturer** • 1-800-535-5053 - Infotrac

Section 2: Hazard Identification

UN GHS

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Classification of the substance or mixture

- UN GHS** • Flammable Liquids 3
Eye Irritation 2A

Label elements

UN GHS

WARNING



- Hazard statements** • Causes serious eye irritation
May be harmful if swallowed
Flammable liquid and vapour
May cause skin irritation or dryness.

Precautionary statements

- Prevention** • Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.

NOT FOR USE ON CONTACT LENSES
KEEP OUT OF REACH OF CHILDREN

Response • IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Storage/Disposal • Store in a well-ventilated place. Keep cool. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Other hazards

UN GHS • No data available

Other information

- Moist white paper tissue impregnated with a dilute solvent and detergent. May cause serious eye irritation. May cause skin irritation or dryness. Ingestion may cause gastric and intestinal irritation.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance according to United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Mixtures

| Composition | | | |
|-------------------|-----------------------------------|---------|---|
| Chemical Name | Identifiers | % | Classifications According to Regulation/Directive |
| Isopropyl alcohol | CAS:67-63-0 EINECS:200-661-7 | < 35% | UN GHS: Eye Irrit. 2A |
| 2-Butoxyethanol | CAS:111-76-2 EINECS:203-905-0 | < 5% | UN GHS: Skin Irrit. 3; Eye Irrit. 2A; Acute Tox. Oral 3; Acute Tox. Dermal 3; Acute Tox. Inhal. 2; STOT SE 1; STOT SE 3: Narc.; Flam. Liq. 4; Repr. 2 |
| Ethylene glycol | CAS:107-21-1 EINECS:203-473-3 | < 0.05% | UN GHS: Skin Irrit. 3; Eye Irrit. 2B; Acute Tox. Oral 4; STOT SE 2; STOT SE 3: Narc. |
| Water | CAS:7732-18-5 EINECS:231-791-2 | > 60% | UN GHS: NDA |

Section 4: First-Aid Measures

Description of 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.

Skin

- 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

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.

Ingestion • If swallowed, DO NOT induce vomiting. Get medical attention immediately.

Most important symptoms and effects, both acute and delayed

- No data available

Indication of any immediate medical attention and special treatment needed

Notes 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

Suitable Extinguishing Media • Carbon dioxide, dry chemical powder, appropriate foam or water fog.

Unsuitable Extinguishing Media • No data available

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • No data available

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

Advice for firefighters

- 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, protective equipment and emergency procedures

Personal Precautions • Wear suitable protective eyewear, clothing, respiratory protection, rubber boots and rubber gloves. Refer to Sections 7 and 8.

Emergency Procedures • Shut off all sources of ignition. Evacuate immediate area. Ensure adequate ventilation.

Environmental precautions

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

Methods and material for containment and cleaning up

Containment/Clean-up Measures • 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

Precautions for safe handling

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 sources of ignition. Keep container closed. Wash thoroughly with soap and water after handling.

Conditions for safe storage, including any incompatibilities

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

| Exposure Limits/Guidelines | | | | | |
|-----------------------------|----------|--|---|---|--|
| | Result | ACGIH | Canada Quebec | NIOSH | OSHA |
| Ethylene glycol (107-21-1) | Ceilings | 100 mg/m ³ Ceiling (aerosol only) | 50 ppm Ceiling (mist and vapour); 127 mg/m ³ Ceiling (mist and vapour) | Not established | Not established |
| 2-Butoxyethanol (111-76-2) | TWAs | 20 ppm TWA | 20 ppm TWAEV; 97 mg/m ³ TWAEV | 5 ppm TWA; 24 mg/m ³ TWA | 50 ppm TWA; 240 mg/m ³ TWA |
| Isopropyl alcohol (67-63-0) | STELs | 400 ppm STEL | 500 ppm STEV; 1230 mg/m ³ STEV | 500 ppm STEL; 1225 mg/m ³ STEL | Not established |
| | TWAs | 200 ppm TWA | 400 ppm TWAEV; 985 mg/m ³ TWAEV | 400 ppm TWA; 980 mg/m ³ TWA | 400 ppm TWA; 980 mg/m ³ TWA |

Exposure Control Notations

ACGIH

- Isopropyl alcohol (67-63-0): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)
- 2-Butoxyethanol (111-76-2): **Carcinogens:** (A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans)
- Ethylene glycol (107-21-1): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)

Exposure Limits Supplemental

ACGIH

- Isopropyl alcohol (67-63-0): **BEIs:** (40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific)) | **TLV Basis - Critical Effects:** (CNS impairment; eye and upper respiratory tract irritation)
- 2-Butoxyethanol (111-76-2): **BEIs:** (200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid with hydrolysis) | **TLV Basis - Critical Effects:** (eye and upper respiratory tract irritation)
- Ethylene glycol (107-21-1): **TLV Basis - Critical Effects:** (eye and upper respiratory tract irritation) | **Notice of Intended Changes (TLVs):** (10 mg/m³ TWA (inhalable fraction and vapor); A4 - not classifiable as a human carcinogen; TLV basis: eye and upper respiratory tract irritation)

Exposure controls

Engineering Measures/Controls

- No special controls are required under conditions of intended use. Local exhaust ventilation should be provided when handling bulk product.

Personal Protective Equipment

Respiratory

- No special controls or personal protection required under conditions of intended use. In the event of a bulk spill, and where risk assessment shows that air-purifying respirators are appropriate, a NIOSH (US) or CEN (EU) -certified air-purifying respirator equipped with organic vapor cartridges may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits, when adequate oxygen is present and as a backup to engineering controls. 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/Face

- Avoid contact with the eye. No special controls or personal protection required under conditions of intended use. In the event of a bulk spill, appropriate eye protection should be worn.

Hands

- No special personal protection required under conditions of intended use. In the event of a bulk spill, protective rubber gloves should be worn.

Skin/Body

- No special personal protection required under conditions of intended use. In the event of a bulk spill, wear appropriate protective clothing.

Environmental Exposure Controls

- No special controls are required under conditions of intended use. In the event of a bulk spill, prevent spilled material from entering storm sewers or drains, waterways, and contact with the soil.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

| Material Description | | | |
|-------------------------------------|-------------------------------|------------------------------|--|
| Physical Form | Liquid | Appearance/Description | Clear, colorless liquid on white paper tissue. |
| Color | Clear Colorless . | Odor | Mild odor. |
| Odor Threshold | Not relevant | | |
| General Properties | | | |
| Boiling Point | No data available | Melting Point/Freezing Point | Not relevant |
| Decomposition Temperature | No data available | pH | No data available |
| Specific Gravity/Relative Density | = 0.9474 @ 25 C(77 F) Water=1 | Water Solubility | Soluble |
| Viscosity | No data available | Explosive Properties | Not relevant |
| Volatility | | | |
| Vapor Pressure | No data available | Vapor Density | >1 |
| Evaporation Rate | No data available | | |
| Flammability | | | |
| Flash Point | 84 F(28.8889 C) | UEL | 12 % |
| LEL | 1.1 % | Burning Time | Not relevant |
| Environmental | | | |
| Octanol/Water Partition coefficient | No data available | Bioaccumulation Factor | Not relevant |

Section 10: Stability and Reactivity

Reactivity

- No dangerous reaction known under conditions of normal use.

Chemical stability

- Stable under normal temperatures and humidities.

Possibility of hazardous reactions

- No data available.

Conditions to avoid

- Heat, sources of ignition.

Incompatible materials

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

Hazardous decomposition products

- None known.

Section 11 - Toxicological Information

Information on toxicological effects

| Components | | |
|---------------------------|----------|---|
| Isopropyl alcohol (< 35%) | 67-63-0 | Acute Toxicity: Ingestion/Oral-Rat LD50 • 5000 mg/kg; <i>Behavioral:General anesthetic</i> |
| 2-Butoxyethanol (< 5%) | 111-76-2 | Acute Toxicity: Ingestion/Oral-Rat LD50 • 250 mg/kg |
| Ethylene glycol (< 0.05%) | 107-21-1 | Acute Toxicity: Ingestion/Oral-Rat LD50 • 470 mg/kg |

| GHS Properties | Classification |
|-------------------------------|--|
| Respiratory sensitization | UN GHS • Classification criteria not met |
| Serious eye damage/Irritation | UN GHS • Eye Irritation 2A |
| Acute toxicity | UN GHS • Classification criteria not met |
| Aspiration Hazard | UN GHS • Classification criteria not met |
| Carcinogenicity | UN GHS • Classification criteria not met |
| Skin corrosion/Irritation | UN GHS • Classification criteria not met |
| Skin sensitization | UN GHS • Classification criteria not met |
| STOT-RE | UN GHS • Classification criteria not met |
| STOT-SE | UN GHS • Classification criteria not met |
| Toxicity for Reproduction | UN GHS • Classification criteria not met |
| Germ Cell Mutagenicity | UN GHS • Classification criteria not met |

Potential Health Effects

Inhalation

- Acute (Immediate)**
 - Unlikely to be hazardous when used as directed. However, if actively concentrated and inhaled, it may cause respiratory tract irritation.
- Chronic (Delayed)**
 - Under normal conditions of use, no health effects are expected.

Skin

- Acute (Immediate)**
 - Frequent or prolonged contact with skin or mucous membranes may cause irritation.
- Chronic (Delayed)**
 - Under normal conditions of use, no health effects are expected.

Eye

- Acute (Immediate)**
 - Avoid contact with the eye. May cause severe eye irritation.
- Chronic (Delayed)**
 - Under normal conditions of use, no health effects are expected.

Ingestion

- Acute (Immediate)**
 - Not expected to be an exposure route. However, may cause gastric and intestinal irritation if ingested.
- Chronic (Delayed)**
 - Under normal conditions of use, no health effects are expected.

| Carcinogenic Effects | | | |
|----------------------|----------|--------------------------|-----------------------------|
| | CAS | IARC | NTP |
| Ethylene glycol | 107-21-1 | Not Listed | Evidence of Carcinogenicity |
| 2-Butoxyethanol | 111-76-2 | Group 3-Not Classifiable | Evidence of Carcinogenicity |
| Isopropyl alcohol | 67-63-0 | Group 3-Not Classifiable | Not Listed |

Section 12 - Ecological Information

Toxicity

- This material has not been tested for environmental effects.

Persistence and degradability

- No data available

Bioaccumulative potential

- No data available

Mobility in Soil

- No data available

Other adverse effects**Section 13 - Disposal Considerations****Waste treatment methods****Product waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Refer to manufacturer/supplier for information on recovery/recycling.

Section 14 - Transport Information

| | UN number | UN proper shipping name | Transport hazard class (es) | Packing group | Environmental hazards |
|-----------|-----------|-------------------------------------|-----------------------------|---------------|-----------------------|
| DOT | ID8000 | Consumer commodity | 9 | NDA | NDA |
| TDG | UN3175 | Solids Containing Flammable Liquids | 4.1 | II | NDA |
| IMO/IMDG | UN3175 | Solids Containing Flammable Liquids | 4.1 | II | NDA |
| IATA/ICAO | ID8000 | Consumer Commodity | 9 | NDA | NDA |

Special precautions for user • No data available

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • No data available

Other information

- TDG** • Ship as Limited Quantity.
IMO/IMDG • Ship as Limited Quantity.

Section 15 - Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture**

SARA Hazard Classifications • No data available

| Inventory | | | | |
|-------------------|-----------|------------|-----------|------|
| Component | CAS | Canada DSL | EU EINECS | TSCA |
| Ethylene glycol | 107-21-1 | Yes | Yes | Yes |
| 2-Butoxyethanol | 111-76-2 | Yes | Yes | Yes |
| Isopropyl alcohol | 67-63-0 | Yes | Yes | Yes |
| Water | 7732-18-5 | Yes | Yes | Yes |

Canada**Labor****Canada - WHMIS - Classifications of Substances**

- | | | |
|---------------------|----------|-------------------------|
| • 2-Butoxyethanol | 111-76-2 | B3, D1A, D2B |
| • Isopropyl alcohol | 67-63-0 | B2, D2B (including 70%) |

| | | |
|--|-----------|---|
| • Ethylene glycol | 107-21-1 | D1B, D2A |
| • Water | 7732-18-5 | Uncontrolled product according to WHMIS classification criteria |
| Canada - WHMIS - Ingredient Disclosure List | | |
| • 2-Butoxyethanol | 111-76-2 | 1 % |
| • Isopropyl alcohol | 67-63-0 | 1 % |
| • Ethylene glycol | 107-21-1 | 1 % |
| • Water | 7732-18-5 | Not Listed |

Environment**Canada - CEPA - Priority Substances List**

| | | |
|---------------------|-----------|--|
| • 2-Butoxyethanol | 111-76-2 | Priority Substance List 2 (substance considered toxic, added to CEPA's Schedule 1, List of Toxic Substances) |
| • Isopropyl alcohol | 67-63-0 | Not Listed |
| • Ethylene glycol | 107-21-1 | Priority Substance List 2 (substance not considered toxic) |
| • Water | 7732-18-5 | Not Listed |

Europe**Other****EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification**

| | | |
|---------------------|-----------|--------------------------|
| • 2-Butoxyethanol | 111-76-2 | Xn; R20/21/22 Xi; R36/38 |
| • Isopropyl alcohol | 67-63-0 | F; R11 Xi; R36 R67 |
| • Ethylene glycol | 107-21-1 | Xn; R22 |
| • Water | 7732-18-5 | Not Listed |

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

| | | |
|---------------------|-----------|-------------------------------------|
| • 2-Butoxyethanol | 111-76-2 | Xn R:20/21/22-36/38 S:(2)-36/37-46 |
| • Isopropyl alcohol | 67-63-0 | F Xi R:11-36-67 S:(2)-7-16-24/25-26 |
| • Ethylene glycol | 107-21-1 | Xn R:22 S:(2) |
| • Water | 7732-18-5 | Not Listed |

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

| | | |
|---------------------|-----------|---------------------|
| • 2-Butoxyethanol | 111-76-2 | S:(2)-36/37-46 |
| • Isopropyl alcohol | 67-63-0 | S:(2)-7-16-24/25-26 |
| • Ethylene glycol | 107-21-1 | S:(2) |
| • Water | 7732-18-5 | Not Listed |

United States**Environment****U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

| | | |
|---------------------|-----------|------------|
| • 2-Butoxyethanol | 111-76-2 | Not Listed |
| • Isopropyl alcohol | 67-63-0 | Not Listed |
| • Ethylene glycol | 107-21-1 | |
| • Water | 7732-18-5 | Not Listed |

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

| | | |
|---|-----------|--|
| • 2-Butoxyethanol | 111-76-2 | Not Listed |
| • Isopropyl alcohol | 67-63-0 | Not Listed |
| • Ethylene glycol | 107-21-1 | 5000 lb final RQ; 2270 kg final RQ |
| • Water | 7732-18-5 | Not Listed |
| U.S. - CERCLA/SARA - Section 313 - Emission Reporting | | |
| • 2-Butoxyethanol | 111-76-2 | Not Listed |
| • Isopropyl alcohol | 67-63-0 | 1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification) |
| • Ethylene glycol | 107-21-1 | 1.0 % de minimis concentration |
| • Water | 7732-18-5 | Not Listed |
| U.S. - EPA - Designated Generic Categories - Certain Glycol Ethers | | |
| • 2-Butoxyethanol | 111-76-2 | |
| • Isopropyl alcohol | 67-63-0 | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • Water | 7732-18-5 | Not Listed |

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

| | | |
|---------------------|-----------|------------|
| • 2-Butoxyethanol | 111-76-2 | Not Listed |
| • Isopropyl alcohol | 67-63-0 | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • Water | 7732-18-5 | Not Listed |

U.S. - California - Proposition 65 - Developmental Toxicity

| | | |
|---------------------|-----------|------------|
| • 2-Butoxyethanol | 111-76-2 | Not Listed |
| • Isopropyl alcohol | 67-63-0 | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • Water | 7732-18-5 | Not Listed |

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

| | | |
|---------------------|-----------|------------|
| • 2-Butoxyethanol | 111-76-2 | Not Listed |
| • Isopropyl alcohol | 67-63-0 | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • Water | 7732-18-5 | Not Listed |

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

| | | |
|---------------------|-----------|------------|
| • 2-Butoxyethanol | 111-76-2 | Not Listed |
| • Isopropyl alcohol | 67-63-0 | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • Water | 7732-18-5 | Not Listed |

Section 16 - Other Information

Revision Date • 11/September/2015

Last Revision Date

- 12/May/2015

Preparation Date

- 12/May/2015

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