Section 1: Product and Company Identification

1.1 Product Information

GHS Product Identifier: Not Applicable
Chemical Name: Not Applicable
Trade Name: LensBrite Anti-Fog Mixture

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

Identified use(s): Optics cleaner solution
Uses advised against: None

1.3 Details of the supplier of the safety data sheet

Company Identification: Peca Products, Inc.
Telephone: (800) 366-7322
Fax: (908) 299-8037
E-Mail: sales@pecaproducts.com

1.4 Emergency telephone number

Emergency Phone No: Chemicals 24 hr (800) 424-9500

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

GHS Classification: Not classified as dangerous for supply/use

2.2 Label Elements

Hazard Symbol: None

2.3 Other Hazards

None

2.4 Additional Information


SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

<table>
<thead>
<tr>
<th>Hazardous ingredients</th>
<th>% (W/W)</th>
<th>CAS No.</th>
<th>Hazard statement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>15-18</td>
<td>67-63-0</td>
<td>Flammable liquid, injury to eyes. May be harmful if swallowed.</td>
</tr>
<tr>
<td>Water</td>
<td>42</td>
<td>7732-18-5</td>
<td>None Anticipated</td>
</tr>
<tr>
<td>Surfactant</td>
<td>1</td>
<td>151-21-3</td>
<td>None Anticipated</td>
</tr>
<tr>
<td>other*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Ingredients present in <0.1%

3.2 Additional Information

None
SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures
   Inhaling:
   If symptoms occur, obtain medical attention.

   Skin Contact:
   Wash skin with water. If symptoms occur, obtain medical attention.

   Eye Contact:
   If substance has got into the eyes, wash out with water. If symptoms occur, obtain medical attention.

   Ingestion:
   Drink one glass of water. Do not induce vomiting. If symptoms occur, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed:
   May cause eye irritation

4.3 Indication of any immediate medical attention and special treatment needed
   None

Section 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media
   Suitable Extinguishing Media
   None anticipated

5.2 Special hazards arising from the substance or mixture
   None anticipated

5.3 Advice for fire-fighters
   As appropriate for surrounding fire. 
   ≥90% Water
Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Not normally required

6.2 Environmental precautions
Not normally required

6.3 Methods and material for containment and clean up
Contain and cover spilled substance with dry sand or earth or other suitable dry material. Transfer to a container for disposal or recovery. Provide adequate ventilation.

6.4 Reference to other sections
None

6.5 Additional information
None

Section 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
Wash affected skin with plenty of water. Remove contaminated clothing and wash before reuse. Provide adequate ventilation. Avoid contact with skin, eyes or clothing.

7.2 Conditions for safe storage, including any incompatibilities
Storage Temperature
Store at room temperature.

incompatibilities materials
None

7.3 Specific end uses
Optics cleaner solution

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>TEL (OSHA)</th>
<th>TLV (NIOSH)</th>
<th>PEL (OSHA)</th>
<th>TLV (ACGIH)</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>67-62-0</td>
<td>400</td>
<td>200</td>
<td>400</td>
<td>400</td>
<td>X</td>
</tr>
</tbody>
</table>

TEL: Long Term Exposure Limit; STEL: Short Term Exposure Limit

8.1.2 Recommended monitoring method
NIOSH 1400

8.2 Exposure controls
Not normally required

8.2.1 Appropriate engineering controls
Not required under normal consumer use.

8.2.2 Personal protection equipment
Eye/face protection
Not required under normal consumer use

Skin protection (hand protection/other)
Industries use: Safety gloves

Respiratory protection
Not required under normal consumer use.

Thermal hazards
Not normally required

8.2.3 Environmental Exposure Controls

Not normally required
### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>Odor</td>
<td>Not available</td>
</tr>
<tr>
<td>Odor Threshold (ppm)</td>
<td>7</td>
</tr>
<tr>
<td>pH (Value)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting Point / Freezing Point (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point/boiling range (°C)</td>
<td>37.7 (100 °F)</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosive limit ranges</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure (Pascal)</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density (Air=1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Density (g/ml)</td>
<td>0.56 @ 22°C</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Not Known</td>
</tr>
<tr>
<td>Solubility (Water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (other)</td>
<td>Not available</td>
</tr>
<tr>
<td>Partition Coefficient (n-Octanol/water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto Ignition Temperature (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Kinematic Viscosity (mPas) @ 22°C</td>
<td>&lt;1.0</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not oxidizing</td>
</tr>
</tbody>
</table>

9.2 Other information

### SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

- Stable under normal conditions

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- None anticipated

10.4 Conditions to avoid

- Heat

10.5 Incompatible materials

- None anticipated

10.6 Hazardous Decomposition Product(s)

- Carbon Monoxide
SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Substances
Not applicable

11.1.2 Mixtures
Acute toxicity
Oral: LD50 = 5.64 g/kg (rat)
Inhalation: LC50 = 1000 ppm (rat) 6 hours
Dermal: LD50 = 16.4 ml/kg (rabbit) 24 hours

IARC, NTP, OSHA, ACGIH do not list this product or any components thereof as known or suspected carcinogen.

Acute toxicity
Not available

Carcinogenicity
Not available

IARC, NTP, OSHA, ACGIH do not list this product or any components thereof as known or suspected carcinogen.

Mutagenicity
Not available

Toxicity for reproduction
Not available

11.1.3 Substances in preparations / mixtures
Isopropyl Alcohol (CAS No. 67-63-0)

Acute toxicity
Oral: LD50 = 5.64 g/kg (rat)
Inhalation: LC50 = 1000 ppm (rat) 6 hours
Dermal: LD50 = 16.4 ml/kg (rabbit) 24 hours

Irritant

Irritating to eyes

Sensitization
Not a skin sensitizer

Repeated dose toxicity
NOAEL = 5,000 ppm (inhalation)

11.2 Other information
None known

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Substances in preparations / mixtures
Isopropyl Alcohol (CAS No. 67-63-0)

Biodegradability
Biodegradable

Bioaccumulative potential
The product has no potential for bioaccumulation

Acute toxicity
LC50 (96 hours) 10,000 mg/l (Fathead minnow (Pimephales promelas))
LC50 24 hours >10,000 mg/l (Daphnia magna)

Long Term Toxicity
NOEC: 3.87 umol/l (Daphnia magna) (Growth rate)

12.2 Persistence and degradability
The organic part of the product is biodegradable

12.3 Bioaccumulative potential
The product has no potential for bioaccumulation

12.4 Mobility in soil
The product has high mobility in soil

12.5 Results of PST and vPvB assessment
Not classified as PST or vPvB

12.6 Other adverse effects
None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice

13.2 Additional information
None known
SECTION 14: TRANSPORT INFORMATION

14.1 DOT (DEPARTMENT OF TRANSPORTATION)
- UN Number
- Proper shipping name
- Transport hazard class(es)
- Packing Group
- Hazard label(s)
- Environmental hazards
- Special precautions for user

14.2 Land transport (ADR/RID)
- UN number
- Proper shipping name
- Transport hazard class(es)
- Packing Group
- Hazard label(s)
- Environmental hazards
- Special precautions for user

14.3 Sea Transport (IMDG)
- UN number
- Proper shipping name
- Transport hazard class(es)
- Packing group
- Marine Pollutant
- Special precautions for user

14.4 Air Transport (ICAO/IATA)
- UN number
- Proper shipping name
- Transport hazard class(es)
- Packing Group
- Environmental hazards
- Special precautions for user

14.5 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- USCA (Toxic Substance Control Act)
- RCRA Hazard Waste Number (40 CFR 261.30)
- US RCRA Hazard Class
- SARA 311/312 - Hazard Categories
- SARA 313 - Toxic Chemicals (40 CFR 372)
- SARA 302 - Extremely Hazardous Substances

Inventory Status: All components listed or polymers exempt
- None
- Note
- None
- Note
- None
- None
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