Section 1: Product and Company Identification

1.1 Product Identifier
   - GHS Product Identifier: Not Applicable
   - Chemical Name: Not Applicable
   - Trade Name: Formula MC
   - CAS No: Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against
   - Identified uses: Optics cleaner solution
   - Unintended use: None

1.3 Details of the supplier of the safety data sheet
   - Company Identification: Peca Products, Inc.
   - Telephone: (800)-693-7322
   - Fax: (800)-206-1627
   - E-Mail: sales@pecaproducts.com

1.4 Emergency telephone number
   - Emergency Phone No: Chemtrea 24 hr (800)-424-6380

Section 2: Hazards Identification

2.1 Classification of the substance or Mixture
   - GHS: Not classified as dangerous for supply/use

2.2 Label Elements
   - Hazard class: None

2.3 Other Hazards
   - None

2.4 Additional Information

SECTION 3: COMPOSITION/INFORMATION on INGREDIENTS

3.2 Mixtures

<table>
<thead>
<tr>
<th>Hazardous Ingredient(s)</th>
<th>HMIS</th>
<th>CAS No.</th>
<th>Hazard statement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>17-20</td>
<td>67-63-0</td>
<td>Flammable liquid. Irritating to eyes May be harmful if swallowed</td>
</tr>
<tr>
<td>Water</td>
<td>73-06</td>
<td>7732-18-5</td>
<td>None Anticipated</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>10</td>
<td>57-55-6</td>
<td>None Anticipated</td>
</tr>
<tr>
<td>Other*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Ingredients present at >0.1%

3.3 Additional Information
   - None.
SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation
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 the immediate medical attention and special treatment needed

None

Section 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media
None anticipated

Unsuitable Extinguishing Media
None anticipated

5.2 Special hazards arising from the substance or mixture

As appropriate for surrounding fire. >60% Water

5.3 Advice for fire-fighters
Section 6: ACCIDENTAL RELEASE MEASURES

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

6.2 Environmental protections
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

Incompatible materials
None

7.3 Specific end uses
Optics cleaning 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>TLV (OSHA)</th>
<th>TLV (ACGIH)</th>
<th>STEL (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>450</td>
<td>200</td>
<td>400</td>
</tr>
</tbody>
</table>

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

8.1.2 Recommended monitoring method
NIOSH 1400

8.2 Exposure controls

8.2.1 Appropriate engineering controls
Not normally required

8.2.2 Personal protection equipment

Eye/face protection
Not required under normal consumer use. Industrial use: Safety glasses.

Skin protection (hand protection/latex)
Not required under normal consumer use. Industrial use: Wear suitable gloves if prolonged skin contact is likely.

Respiratory protection
Not required under normal consumer use. Industrial use: In case of inadequate ventilation wear respiratory protection

Thermal hazards
Not normally required

8.2.3 Environmental Exposure Controls
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>Not available</td>
</tr>
<tr>
<td>pH (Value)</td>
<td>7</td>
</tr>
<tr>
<td>Melting Point / Freezing Point (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point/bubbling range (°C)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>37.7 (100 F)</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>Ignitability (g/ml)</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.86 @ 22 C</td>
</tr>
<tr>
<td>Solubility (Water)</td>
<td>Slight</td>
</tr>
<tr>
<td>Solubility (alcohol)</td>
<td>Not Known</td>
</tr>
<tr>
<td>Partition Coefficient (n-Octanol/ water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Autoignition Temperature (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Kinematic Viscosity [mPas] @ 25°C</td>
<td>-50</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

Not available

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
- Not available
- Irritation
- Not available
- Corrosivity
- Not available
- Sensitization
- Not available
- Repeated dose 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 = 5,84 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 hour) 10,000 mg/l (Fathead minnow (Pimephales promelas))
- LC50 96 hours > 10,000 mg/l (Daphnia magna)

Long Term Toxicity

- NOEC; 3.37 µmol/l (Daphnia magna) (Growth rate

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

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
Not classified as dangerous for transport

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
Not classified as dangerous for transport

14.3 Sea Transport (IMDG)
- UN number
- Proper shipping name
- Transport hazard class(es)
- Packing group
- Marine Pollutant
- Special precautions for user
Not classified as dangerous for transport

14.4 Air Transport (ICAO/IATA)
- UN number
- Proper shipping name
- Transport hazard class(es)
- Packing Group
- Environmental hazards
- Special precautions for user
1093 N.O.S.
Combustible Liquid N.O.S.

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

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- TSCA (Toxic Substances Control Act)
  - Inventory Status: All components listed or polymer exempt
- RCRA Hazard Waste Number (40 CFR 261.33)
  - None
- US RCRA Hazard Class
  - None
- SARA 311/312 - Hazard Categories
  - Fire: Not applicable, Release: Immediate (acute), Reactivity: Zero (delayed)
  - SARA 313 - Toxic Chemicals (40 CFR 372)
    - None
  - SARA 302 - Extremely Hazardous Substances
    - None
### SECTION 16: OTHER INFORMATION

<table>
<thead>
<tr>
<th>Additional Information</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision Date:</td>
<td>4/19/2016</td>
</tr>
<tr>
<td>The following sections contain versions of new statements:</td>
<td>Section 16</td>
</tr>
</tbody>
</table>

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