1. **SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

1.1 **Product Identifier**
   - **Product Name**: Silquat J2-8B
   - **Product code**: 3724.28
   - **Chemical Name**: Siloxanes and Silicones, di-ME, 3-[3-[bis(hydrogenated tallow alkyl)methylammonio]-2-hydroxypropoxy]propyl Me, chlorides
   - **CAS No.**: 1423679-19-9 / 107-41-5
   - **Alternative names (INCI)**: Distearmonium/Diethonium Chloride PG Dimethicone

1.2 **Recommended use of the chemical and restrictions on use**
   - **Identified use(s)**: PC39 Cosmetics, personal care products
   - **Uses advised against**: None known

1.3 **Details of the supplier of the Safety Data Sheet**
   - **Company Identification**: Siltech Corp
     - 225 Wicksteed Ave
     - Toronto, ON Canada M4H 1G5
     - Telephone: +1-416-424-4567
     - Fax: +1-416-424-3158
     - E-Mail (competent person): raj@siltech.com
   - **Additional Location**: Siltech Corp
     - 3265 Wolfedale Road,
     - Mississauga ON Canada L5C 1V8
     - Telephone: +1-905-270-5534
     - Fax: +1-905-270-5816

1.4 **Emergency telephone number**
   - **Emergency Phone No.**: CANUTECH - TELEPHONE: EMERGENCY USE ONLY +1-613-996-6666

2. **SECTION 2: HAZARDS IDENTIFICATION**

2.1 **Classification of the substance or mixture**
   - **Skin Irrit. 2**
   - **Eye Irrit. 2**

2.2 **Label elements**
   - **Product Name**: Silquat J2-8B
     - **Symbol**
     - **Signal word(s)**: Warning
     - **Hazard statement(s)**: H315: Causes skin irritation.
       - H319: Causes serious eye irritation.
     - **Precautionary statement(s)**: P264: Wash hands and exposed skin thoroughly after handling.
       - P280: Wear protective gloves/protective clothing/eye protection/face protection.
       - P302+P352: IF ON SKIN: Wash with plenty of water.
       - P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
       - P332+P313: If skin irritation occurs: Get medical advice/attention.
       - P337+P313: If eye irritation persists: Get medical
2.3 Other hazards

None known

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

<table>
<thead>
<tr>
<th>Hazardous ingredient(s)</th>
<th>Synonym(s)</th>
<th>%W/W</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>Hazard pictogram(s) and Hazard statement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-methylpentane-2,4-diol</td>
<td>Hexylene Glycol</td>
<td>20 - 40</td>
<td>107-41-5</td>
<td>203-489-0</td>
<td>GHS07: H315, H319</td>
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</tbody>
</table>

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

**Inhalation**
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Skin Contact**
Remove contaminated clothing immediately and wash affected skin with soap and water. Obtain medical attention if ill effects occur.

**Eye Contact**
If substance has got into the eyes, immediately wash out with plenty of water for several minutes. Obtain medical attention if ill effects occur.

**Ingestion**
If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Not available.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

**Suitable Extinguishing Media**
In case of fire, use water spray, foam, dry powder or CO2 for extinction. Keep containers cool by spraying with water if exposed to fire.

**Unsuitable Extinguishing Media**
None known

5.2 Special hazards arising from the substance or mixture

Silicon Dioxide, carbon oxides, incompletely burned carbon compounds, formaldehyde.

5.3 Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Caution - spillages may be slippery. Cover spills with inert absorbent material. Transfer to a container for disposal.

6.4 Reference to other sections

See Section: 7 & 8.
7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid ingestion. Use only with sufficient ventilation. Wash thoroughly after handling. General hygiene measures for the handling of chemicals are applicable.

7.2 Conditions for safe storage, including any incompatibilities
Storage Temperature
Ambient
Storage Life
Stable under normal conditions.
Incompatible materials
Oxidizing agents
Specific end use(s)
Industrial use

Store in a tightly closed container.

7.3 Specific end use(s)

Industrial use

8. 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>LTEL (8 hr TWA ppm)</th>
<th>LTEL (8 hr TWA mg/m³)</th>
<th>STEL (ppm)</th>
<th>STEL (mg/m³)</th>
<th>Note</th>
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<tbody>
<tr>
<td>None assigned</td>
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<td></td>
</tr>
</tbody>
</table>

8.1.2 Biological limit value
Not established

8.1.3 PNECs and DNELs
Not established

8.2 Exposure controls

8.2.1 Appropriate engineering controls
Provide adequate ventilation.

8.2.2 Personal protection equipment
Eye/face protection
Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)
Wear suitable gloves if prolonged skin contact is likely.
Nitrile rubber, Neoprene, Rubber

Respiratory protection
Wear suitable respiratory protective equipment if processing involves working in areas where dusts or vapours are likely to be evolved.

Thermal hazards
None.

8.2.3 Environmental Exposure Controls
Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance
Coloured liquid (Amber)

Odour
Characteristic odour.

Odour Threshold
Not available.

pH
Not available.

Melting Point/Freezing Point
Not available.

Initial boiling point and boiling range
198°C @ 760mmHg

Flash point (PMCC)
102°C

Evaporation rate
Not available.

Flammability (solid, gas)
Not applicable.

Upper/lower flammability or explosive limits
Not available.

Vapour pressure
Not available.

Vapour density
Not available.
10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity  Stable under normal conditions.
10.2 Chemical stability  Stable under normal conditions.
10.3 Possibility of hazardous reactions  Will not occur.
10.4 Conditions to avoid  None known.
10.5 Incompatible materials  Oxidizing agents.
10.6 Hazardous Decomposition Product(s)  Silicon Dioxide, carbon oxides, incompletely burned carbon compounds, formaldehyde.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
- Ingestion: Low toxicity under normal conditions of handling and use.
- Inhalation: Mist may cause irritation.
- Skin Contact: May cause irritation
- Eye Contact: May cause irritation

Effects and Symptoms
- skin corrosion/irritation: Causes skin irritation.
- Serious eye damage/irritation: Causes eye irritation.
- Respiratory or skin sensitization: Not classified
- Germ cell mutagenicity: Not classified
- Carcinogenicity: Not classified
- Reproductive toxicity: Not classified
- STOT - single exposure: Not classified
- STOT - repeated exposure: Not classified
- Aspiration hazard: Not classified
- Delayed and chronic effects: Not available
- Calculated acute toxicity estimate (ATE): Not available

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity  Not available.
12.2 Persistence and degradability  Not available.
12.3 Bioaccumulative potential  Not available.
12.4 Mobility in soil  Not available.
12.5 Results of PBT and VPVB assessment  Not available.
12.6 Other adverse effects  None known

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods  Do not empty into drains; dispose of this material and its container in a safe way.
13.2 Additional Information  Dispose of contents in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

14.1 DOT / TDG / Road/Rail (ADR/RID)  Not classified as hazardous for road transport.
Not classified as hazardous for rail transport.
14.2 Air (ICAO/IATA) Not classified as hazardous for air transport.
14.3 Sea (IMDG) Not classified as hazardous for marine transport.

15. SECTION 15: REGULATORY INFORMATION

15.1 EU regulations
REACH Registration No. Possible trace amounts of: (<0.005%)
Candidate List of Substances of Very Octamethylcyclotetrasiloxane (CAS# 556-67-2)
High Concern for Authorisation Decamethylcyclopentasiloxane (CAS# 541-02-6)
Dodecamethylcyclohexasiloxane (CAS# 540-97-6)

15.2 International Inventories

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<thead>
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<th>Country</th>
<th>Listed</th>
<th>Not listed</th>
<th>Polymer exempt</th>
<th>Other</th>
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<td>United States (TSCA)</td>
<td>X</td>
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<tr>
<td>Canada (DSL/NDSL)</td>
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<td>European Union (EINECS/ELINCS)</td>
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<td>Philippines (PICCS)</td>
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</tr>
</tbody>
</table>

15.3 National regulations
United States (TSCA) TSCA Inventory Status: All chemicals in this product comply
HMIS (Hazardous Material Information System) with TSCA rules and regulations including TSCA Section 5
NFPA Rating H = 2 / F = 1 / R = 0
Personal care exempt

15.4 US State Regulations
15.4.1 SUBSTANCES KNOWN TO THE STATE OF None known.
CALIFORNIA TO CAUSE BIRTH DEFECTS OR
OTHER REPRODUCTIVE HARM
15.4.2 SUBSTANCES KNOWN TO THE STATE OF None known.
CALIFORNIA TO CAUSE CANCER
15.4.3 State Right to Know Lists Hexylene glycol (CAS#107-41-5) : 20 - 40%

16. SECTION 16: OTHER INFORMATION

Revision: November 05, 2018

LEGEND
LTEL Long Term Exposure Limit
STEL Short Term Exposure Limit
STOT Specific Target Organ Toxicity
DNEL Derived No Effect Level
PNEC Predicted No Effect Concentration
PBT Persistent, Bioaccumulative and Toxic
vPvB very Persistent and very Bioaccumulative
References:

Hazard statement(s) and Precautionary statement(s)
H315: Causes skin irritation.
H319: Causes serious eye irritation.
P264: Wash hands and exposed skin thoroughly after handling.
P280: Wear protective gloves/protection/clothing/eye protection/face protection.
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P332+P313: If skin irritation occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.

Hazard pictogram(s) and Hazard Symbol

GHS07

Training advice:

Additional Information

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