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

1.1 Product identifier

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Silmer EP Di-100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product code</td>
<td>5892</td>
</tr>
<tr>
<td>Chemical Name</td>
<td>Siloxanes and Silicones, di-Me, 3-(2-oxiranmethylene) propyl group-terminated</td>
</tr>
<tr>
<td>CAS No.</td>
<td>102782-97-8</td>
</tr>
</tbody>
</table>

1.2 Recommended use of the chemical and restrictions on use

| Identified use(s) | An intermediate chemical product. |
| Uses advised against | None known |

1.3 Details of the supplier of the Safety Data Sheet

<table>
<thead>
<tr>
<th>Company Identification</th>
<th>Siltech Corp</th>
</tr>
</thead>
<tbody>
<tr>
<td>225 Wicksteed Ave</td>
<td></td>
</tr>
<tr>
<td>Toronto, ON Canada M4H 1G5</td>
<td></td>
</tr>
<tr>
<td>Telephone</td>
<td>+1-416-424-4567</td>
</tr>
<tr>
<td>Fax</td>
<td>+1-416-424-3158</td>
</tr>
<tr>
<td>E-Mail (competent person)</td>
<td><a href="mailto:raj@siltech.com">raj@siltech.com</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional Location</th>
<th>Siltech Corp</th>
</tr>
</thead>
<tbody>
<tr>
<td>3265 Wolfedale Road, Mississauga ON Canada L5C 1V8</td>
<td></td>
</tr>
<tr>
<td>Telephone</td>
<td>+1-905-270-5534</td>
</tr>
<tr>
<td>Fax</td>
<td>+1-905-270-5816</td>
</tr>
</tbody>
</table>

1.4 Emergency telephone number

<table>
<thead>
<tr>
<th>Emergency Phone No.</th>
<th>CANUTECH - TELEPHONE: EMERGENCY USE ONLY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>+1-613-996-6666</td>
</tr>
</tbody>
</table>

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not classified

2.2 Label elements

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Silmer EP Di-100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol</td>
<td>NONE</td>
</tr>
<tr>
<td>Signal word(s)</td>
<td>NONE</td>
</tr>
<tr>
<td>Hazard statement(s)</td>
<td>NONE</td>
</tr>
<tr>
<td>Precautionary statement(s)</td>
<td>P262: Do not get in eyes, on skin, or on clothing.</td>
</tr>
</tbody>
</table>

2.3 Other hazards

None known.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

<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>Contains no hazardous ingredients</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation
Unlikely to be required but if necessary treat symptomatically.

Skin Contact
Unlikely to be required but if necessary treat symptomatically.

Eye Contact
If substance has got into the eyes, immediately wash out with plenty of water for several minutes.

Ingestion
If swallowed, seek medical advice immediately and show this container or label.

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
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>
</tr>
</thead>
<tbody>
<tr>
<td>None assigned</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Revision: 2 Page: 2/5 Date: 23/11/2018
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. 

Respiratory protection 
No personal respiratory protective equipment normally required. 

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 
Colourless to yellowish liquid. 

Odour 
Faint. 

Odour Threshold 
Not available. 

pH 
Not available. 

Melting Point/Freezing Point 
Not available. 

Initial boiling point and boiling range 
>100°C @ 760mmHg 

Flash point (PMCC) 
>100°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. 

Relative density / Specific Gravity (25°C) 
0.98 

Solubility(ies) 
Insoluble in water. 

Partition coefficient: n-octanol/water 
Not available. 

Auto-ignition temperature 
Not available. 

Decomposition Temperature 
Not available. 

Viscosity (25°C) 
150 - 300 cps 

Explosive properties 
Not applicable. 

Oxidising properties 
Not applicable. 

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
Low toxicity under normal conditions of handling and use.

Skin Contact
None anticipated

Eye Contact
None anticipated

Effects and Symptoms

Skin corrosion/irritation
Not classified

Serious eye damage/irritation
Not classified

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.

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.  
Polymer exempt.

Candidate List of Substances of Very High Concern for Authorisation
Possible trace amounts of: (<0.1%)
Octamethylcycloptetrasiloxane (CAS# 556-67-2)
Decamethylcyclopentasiloxane (CAS# 541-02-6)
Dodecamethylcyclohexasiloxane (CAS# 540-97-6)
15.3 International Inventories

<table>
<thead>
<tr>
<th>Country</th>
<th>Listed</th>
<th>Not listed</th>
<th>Polymer exempt</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States (TSCA)</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada (DSL/NDSL)</td>
<td></td>
<td>✓</td>
<td></td>
<td>NDSL</td>
</tr>
<tr>
<td>European Union (EINECS/ELINCS)</td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Australia (AICS)</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>China (IECSC)</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Japan (ENCS)</td>
<td>✓</td>
<td></td>
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<tr>
<td>South Korea (KECI)</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Taiwan (TCSI)</td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>New Zealand (NZIoC)</td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Philippines (PICCS)</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

15.4 National regulations

- **United States (TSCA)**
  - TSCA Inventory Status: All chemicals in this product comply with TSCA rules and regulations including TSCA Section 5 (Inventory Rules).
  - HMIS (Hazardous Material Information System)  
    - H = 1 / F = 1 / R = 0
  - NFPA Rating  
    - H = 1 / F = 1 / R = 0

15.5 US State Regulations

- **15.5.1 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM**
  - None known.

- **15.5.2 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER**
  - None known.

- **15.5.3 State Right to Know Lists**
  - None known.

16. SECTION 16: OTHER INFORMATION

Revision: November 23, 2018

**LEGEND**

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

**Hazard statement(s) and Precautionary statement(s)**

- P262: Do not get in eyes, on skin, or on clothing.

**Hazard pictogram(s) and Hazard Symbol**

- NONE

**Disclaimers**

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