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

1.1 Product identifier
Product Name: Silmer TMS Di-50
Product code: 5783.3
Chemical Name: Siloxanes and Silicones, di-Me, (trimethoxysilyl) ethyl-terminated
CAS No.: 1446702-69-7
Alternative names (INCI): Methoxydimethicone

1.2 Recommended use of the chemical and restrictions on use
Identified use(s): Additive, intermediate use
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
Not classified

2.2 Label elements
Product Name: Silmer TMS Di-50
Symbol: NONE
Signal word(s): NONE
Hazard statement(s): NONE
Precautionary statement(s): P262: Do not get in eyes, on skin, or on clothing.

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></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Contains no hazardous ingredients</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.
- Avoid release to the environment.
- Caution - spillages may be slippery. Cover spills with inert absorbent material. Transfer to a container for disposal.

6.2 Environmental precautions

- General hygiene measures for the handling of chemicals are applicable.

6.3 Methods and material for containment and cleaning up

- See Section: 7 & 8.

6.4 Reference to other sections

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

8. **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1 Control parameters

8.1.1 Occupational Exposure Limits
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  
Characteristic odour. 
Odour Threshold  
Not available. 
pH  
Not available. 
Melting Point/Freezing Point  
Not available. 
Initial boiling point and boiling range  
$>100^\circ C @ 760\text{mmHg}$ 
Flash point (PMCC)  
$>100^\circ C$ 
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)  
Not available. 
Solubility(ies)  
Insoluble in water. 
Partition coefficient: n-octanol/water  
Not available. 
Auto-ignition temperature  
Not available. 
Decomposition Temperature  
Not available. 
Viscosity (25°C)  
40 - 100 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.
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%)
    - Octamethycyclotetrasiloxane (CAS# 556-67-2)
    - Decamethycyclpentasiloxane (CAS# 541-02-6)
    - Dodecamethycyclhexasiloxane (CAS# 540-97-6)
15.2 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>
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<tr>
<td>Canada (DSL/NDSL)</td>
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<tr>
<td>European Union (EINECS/ELINCS)</td>
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<td>✓</td>
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<td>Philippines (PICCS)</td>
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</tbody>
</table>

15.3 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). **ACCESSION # 254229**

HMIS (Hazardous Material Information System)
Hazard Rating: H = 1 / F = 1 / R = 0

15.4 National regulations

15.4.1 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM

None known.

15.4.2 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER

None known.

15.4.3 State Right to Know Lists

None known.

16. SECTION 16: OTHER INFORMATION

Revision: January 04, 2019

**LEGEND**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>LTEL</td>
<td>Long Term Exposure Limit</td>
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<tr>
<td>STEL</td>
<td>Short Term Exposure Limit</td>
</tr>
<tr>
<td>STOT</td>
<td>Specific Target Organ Toxicity</td>
</tr>
<tr>
<td>DNEL</td>
<td>Derived No Effect Level</td>
</tr>
<tr>
<td>PNEC</td>
<td>Predicted No Effect Concentration</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>vPvB</td>
<td>very Persistent and very Bioaccumulative</td>
</tr>
</tbody>
</table>

**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

**Additional Information**

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