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

1.1 Product identifier
   Product Name: Silmer OH ACR Di-100
   Product code: 5882.15
   Chemical Name: Siloxanes and Silicones, di-Me, 3-[2-(hydroxy-3-[(1-oxo-2-propenyl)oxy]propoxy]propyl group-terminated
   CAS No.: 125455-52-9

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
   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 sensitisation, category 1B

2.2 Label elements
   Product Name: Silmer OH ACR Di-100
   Symbol: Warning
   Signal word(s): H317: May cause an allergic skin reaction.
   Hazard statement(s): P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
   Precautionary statement(s): P272: Contaminated work clothing should not be allowed out of the workplace.
   P280: Wear protective gloves/protective clothing/eye protection/face protection.
   P302+P352: IF ON SKIN: Wash with plenty of water.
   P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
   P363: Wash contaminated clothing before reuse.
   P403+P233: Store in a well-ventilated place. Keep container tightly closed.
   P501: Dispose of contents/container to: Observe Local Regulations.

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>Siloxanes and Silicones, di-Me, 3-[2-(hydroxy-3-[1-oxo-2-propenyl]oxy)propoxy]propyl group-terminated</td>
<td>---</td>
<td>&gt;99</td>
<td>125455-52-9</td>
<td>Not applicable</td>
<td>GHS07 : H317</td>
</tr>
</tbody>
</table>

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 Inhalation
Remove persons affected by vapour to fresh air.

4.1.2 Skin Contact
Remove contaminated clothing immediately and wash affected skin with plenty of water. Seek medical attention if irritation persists.

4.1.3 Eye Contact
If substance has got into the eyes, immediately wash out with plenty of water for several minutes. Seek medical attention if irritation persists.

4.1.4 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

5.1.1 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.

5.1.2 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. Wear impervious gloves (EN374).

7.2 Conditions for safe storage, including any
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>

#### 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 impervious gloves (EN374).

- **Respiratory protection**
  - No personal respiratory protective equipment normally required.

- **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.
- **Odour**: Characteristic odour.
- **Odour Threshold**: Not available.
- **pH**: Not available.
- **Melting Point/Freezing Point**: Not available.
- **Initial boiling point and boiling range**: Not available.
- **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)**: Not available.
- **Solubility(ies)**: Not available.
- **Partition coefficient: n-octanol/water**: Not available.
- **Auto-ignition temperature**: Not available.
- **Decomposition Temperature**: Not available.
- **Viscosity (25°C)**: 200 - 6000 cps
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
May cause irritation.

Skin Contact
May cause irritation.

Eye Contact
May cause irritation.

Effects and Symptoms
skin corrosion/irritation
Not classified

Serious eye damage/irritation
Not classified

Respiratory or skin sensitization
Repeated and/or prolonged contact may cause skin sensitisation.

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

<table>
<thead>
<tr>
<th>Candidate List of Substances of Very High Concern for Authorisation</th>
<th>Possible trace amounts of: &lt; 0.1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octamethylcyclotetrasiloxane (CAS# 556-67-2)</td>
<td></td>
</tr>
<tr>
<td>Decamethylcyclopentasiloxane (CAS# 541-02-6)</td>
<td></td>
</tr>
<tr>
<td>Dodecamethylcyclohexasiloxane (CAS# 540-97-6)</td>
<td></td>
</tr>
<tr>
<td>Contains:</td>
<td></td>
</tr>
<tr>
<td>1-methylimidazole (CAS#616-47-7) &lt; 0.15%</td>
<td></td>
</tr>
</tbody>
</table>

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>X</td>
<td></td>
<td></td>
<td>*</td>
</tr>
<tr>
<td>Canada (DSL/NDSL)</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>European Union (EINECS/ELINCS)</td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Australia (AICS)</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>China (IECSO)</td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Japan (ENCS)</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<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>

15.3 National regulations

<table>
<thead>
<tr>
<th>HMIS (Hazardous Material Information System)</th>
<th>H = 1 / F = 1 / R = 0</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA Rating</td>
<td>H = 1 / F = 1 / R = 0</td>
</tr>
</tbody>
</table>

15.4 US State 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

Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.1%

16. SECTION 16: OTHER INFORMATION

Revision: January 21, 2020

LEGEND

LTET 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

Hazard statement(s) and Precautionary statement(s)
H317: May cause an allergic skin reaction.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
Product: Silmer OH ACR Di-100

P302+P352: IF ON SKIN: Wash with plenty of water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P363: Wash contaminated clothing before reuse.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Hazard pictogram(s) and Hazard Symbol

Additional Information

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Siltech Corp. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Siltech Corp. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.