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

1.1 Product identifier
   - Product Name: Silmer OH ACR C50
   - Product code: 5656.6
   - Chemical Name: Siloxanes and Silicones, di-Me, 3-[2-hydroxy-3-[(1-oxo-2-propen-1-yl)oxy]propoxy]propyl Me
   - CAS No.: 193486-79-2

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 C50
   - Symbol: Warning
   - Signal word(s): H317: May cause an allergic skin reaction.
   - 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]propoxylpropyl Me</td>
<td>---</td>
<td>&gt;99</td>
<td>193486-79-2</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

Inhalation: Remove persons affected by vapour to fresh air.
Skin Contact: Remove contaminated clothing immediately and wash affected skin with plenty of water. Seek medical attention if irritation persists.
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.
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. Wear impervious gloves (EN374).

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. See Section: 7 & 8.

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

Store in a tightly closed container.
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>Chromium (III) Acetate</td>
<td>1066-30-4</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
<td>as Cr</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.

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. (Greenish)

- **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)**
  700 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.
SECTION 15: REGULATORY INFORMATION

15.1 EU regulations
REACH Registration No. Polymer exempt.
Candidate List of Substances of Very High Concern Possible trace amounts of: (<0.1%)
for Authorisation Octamethylcyclotetrasiloxane (CAS# 556-67-2)
Decamethylcyclopentasiloxane (CAS# 541-02-6)
Dodecamethylcyclohexasiloxane (CAS# 540-97-6)
Contains: Chromium (III) Acetate (CAS#1066-30-4) < 0.08%

15.3 International Inventories

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

15.4 National regulations
TSCA (Toxic Substance Control Act) TSCA Inventory Status: All chemicals in this product comply with TSCA rules and regulations including TSCA Section 5 (Inventory Rules). ACCESSION # 117205
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 Chromium (III) Acetate (CAS#1066-30-4) < 0.08%

SECTION 16: OTHER INFORMATION

Revision: August 29, 2019

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
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.
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

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Additional Information

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