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

1.1 Product identifier
   - Product Name: Silmer ACR Di-10
   - Product code: 5877
   - Chemical Name: Siloxanes and Silicones, di-Me, acrylate-terminated
   - CAS No.: 128754-61-0

1.2 Recommended use of the chemical and restrictions on use
   - Identified use(s): An intermediate chemical product.
   - Additive, Coatings
   - 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
   - Repr. 1B

2.2 Label elements
   - Product Name: Silmer ACR Di-10
   - Symbol: Warning
   - Signal word(s): H361: Suspected of damaging fertility or the unborn child.
   - Hazard statement(s): P281: Use personal protective equipment as required.
   - Precautionary statement(s): P308+P313: IF exposed or concerned: Get medical advice/attention.
   - 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>Dibutyltin diacetate</td>
<td>dibutyltin di(acetate)</td>
<td>0.19 - 0.21</td>
<td>1067-33-0</td>
<td>213-928-8</td>
<td>GHS06, GHS08, GHS05, GHS07, H314, H317, H318, H341, H360, H370, H372, H410</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. 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 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.
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>dibutyltin di(acetate)</td>
<td>1067-33-0</td>
<td>0.1</td>
<td>0.2</td>
<td></td>
<td>(as Sn)</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 suitable gloves if prolonged skin contact is likely.

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 (Yellow)

Odour

Characteristic odour.

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)

0.96

Solubility(ies)

Insoluble in water.

Partition coefficient: n-octanol/water

Not available.

Auto-ignition temperature

Not available.

Decomposition Temperature

Not available.

Viscosity (25°C)

20 – 250 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 May be harmful if swallowed.
   Inhalation Low toxicity under normal conditions of handling and use.
   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 Not classified
   Germ cell mutagenicity Not classified
   Carcinogenicity Not classified
   Reproductive toxicity Suspected of damaging fertility or the unborn child.
   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 Possible trace amounts of: (<0.1%)
Substances of Very High Octamethylcyclotetrasiloxane (CAS# 556-67-2)
Concern for Authorisation Decamethylclopentasiloxane (CAS# 541-02-6)
Dodecamethylcyclohexasiloxane (CAS# 540-97-6)
Contains: dibutyltin di(acetate) (CAS#1067-33-0) : 0.19 – 0.21%

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>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada (DSL/NDSL)</td>
<td></td>
<td>NDSL ✓</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></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>China (IECSC)</td>
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<td></td>
<td>X</td>
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<tr>
<td>Japan (ENCS)</td>
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<td>X</td>
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<tr>
<td>South Korea (KECI)</td>
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<td>✓</td>
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<tr>
<td>Taiwan (TCSI)</td>
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<td>✓</td>
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<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
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

15.4 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 None known.

16. SECTION 16: OTHER INFORMATION

Revision: November 09, 2018

LEGEND

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LTEL</td>
<td>Long Term Exposure Limit</td>
</tr>
<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>

Revision: 3 Page: 5/6 Date: 09/11/2018
Hazard statement(s) and Precautionary statement(s)
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H341: Suspected of causing genetic defects.
H360: May damage fertility or the unborn child.
H361: Suspected of damaging fertility or the unborn child.
H370: Causes damage to organs: Thymus.
H372: Causes damage to organs through prolonged or repeated exposure.
H410: Very toxic to aquatic life with long lasting effects.
P281: Use personal protective equipment as required.
P308+P313: If exposed or concerned: Get medical advice/attention.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Hazard pictogram(s) and Hazard Symbol

Additional Information

Disclaimers

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