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

1.1 **Product identifier**
- **Product Name**: Silmer H Di-E2
- **Product code**: 7718.4
- **Chemical Name**: Siloxanes and Silicones, di-Me, reaction products with Me hydrogen siloxanes and 1,1,3,3-tetramethyldisiloxane
- **CAS No.**: 69430-47-3

1.2 **Recommended use of the chemical and restrictions on use**
- **Identified use(s)**: An intermediate chemical product.
- **Uses advised against**: PC32 Polymer preparations and compounds

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 H Di-E2
- **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**
- Some hydrogen gas may be released. Hydrogen is flammable and can form explosive mixtures with air.

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>
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<tbody>
<tr>
<td>Contains no hazardous ingredients</td>
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</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, dry powder or carbon dioxide to extinguish. Keep containers cool by spraying with water if exposed to fire.
- Unsuitable Extinguishing Media: Do not use dry chemical or foam.

5.2 Special hazards arising from the substance or mixture
- Silicon Dioxide, carbon oxides, incompletely burned carbon compounds, formaldehyde. Hydrogen may be formed. Vapour may create explosive atmosphere.

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. Eliminate all ignition sources if safe to do so.

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. Keep away from fire, sparks and heated surfaces.
- Ambient Stable under normal conditions.
- Oxidizing agents Reacts with moisture. Hydrogen may be formed.

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
8.1.2 Biological limit value

8.1.3 PNECs and DNELs

8.2 Exposure controls

8.2.1 Appropriate engineering controls

8.2.2 Personal protection equipment

Eye/face protection

Skin protection (Hand protection/ Other)

Respiratory protection

Thermal hazards

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

Odour

Odour Threshold

pH

Melting Point/Freezing Point

Initial boiling point and boiling range

Flash point (PMCC)

Evaporation rate

Flammability (solid, gas)

Upper/lower flammability or explosive limits

Vapour pressure

Vapour density

Relative density / Specific Gravity (25°C)

Solubility(ies)

Partition coefficient: n-octanol/water

Auto-ignition temperature

Decomposition Temperature

Viscosity (25°C)

Explosive properties

Oxidising properties

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

10.5 Incompatible materials

Stable under normal conditions.

Stable under normal conditions. May decompose if heated above (°C): 250

Will not occur.

Reacts with moisture.

Oxidizing agents. Water, Alcohols, Contact with acids and alkalis may form flammable gases. Hydrogen may be
10.6 Hazardous Decomposition Product(s) formed. 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: Low toxicity to aquatic organisms.
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 Sea (IMDG): Not classified as hazardous for marine transport.
14.3 Air (ICAO/IATA): Not classified as hazardous for air transport. VENTED PACKAGES ARE FORBIDDEN FOR AIR 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
- vPvB: very Persistent and very Bioaccumulative Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.1%
- PBT: Persistent, Bioaccumulative and Toxic Dodecamethylcyclopentasiloxane (CAS# 541-02-6) < 0.1%
15.3 International Inventories

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<tr>
<th>Country</th>
<th>Listed</th>
<th>Not listed</th>
<th>Polymer exempt</th>
<th>Other</th>
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</tr>
<tr>
<td>Canada (DSL/NDLS)</td>
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</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)

NFPA Rating

H = 1 / F = 1 / R = 1

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: January 11, 2019

LEGEND

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

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.