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

1.1 Product identifier
   - Product Name: Fluorosil OH C7-F
   - Product code: 5518.1
   - Chemical Name: Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, Me 3,3,4,4,5,5,6,6,6-nonafluorohexyl
   - CAS No.: 1610862-54-8

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
   - Not classified

2.2 Label elements
   - Product Name: Fluorosil OH C7-F
   - Symbol: NONE
   - Signal word(s): NONE
   - Hazard statement(s): P262: Do not get in eyes, on skin, or on clothing.
   - Precautionary statement(s): None known

2.3 Other hazards
   - None known

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
   - Contains no hazardous ingredients

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. 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.

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.

- Storage Temperature: Ambient
- Storage Life: Stable under normal conditions.
- Incompatible materials: Oxidizing agents

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>
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<tbody>
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</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  Wear suitable respiratory protective equipment if processing involves working in areas where dusts or vapours are likely to be evolved.

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  Colourless to yellowish liquid.
Odour  Faint.
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)  0.99
Solubility(ies)  Insoluble in water.
Partition coefficient: n-octanol/water  Not available.
Auto-ignition temperature  Not available.
Decomposition Temperature  Not available.
Viscosity (25°C)  80 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  Low toxicity under normal conditions of handling and use.
Inhalation  High concentrations of mist may be irritant to the respiratory tract.
Skin Contact  None anticipated
Eye Contact  None anticipated

Effects and Symptoms
Product: Fluorosi OH C7-F

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.
Not classified as hazardous for rail 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%
Octamethylcyclotetrasiloxane (CAS# 556-67-2)
Decamethylcyclopentasiloxane (CAS# 541-02-6)
Dodecamethylcyclohexasiloxane (CAS# 540-97-6)

15.2 International Inventories

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<thead>
<tr>
<th>Country</th>
<th>Listed</th>
<th>Not listed</th>
<th>Polymer exempt</th>
<th>Other</th>
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<td>United States (TSCA)</td>
<td>X</td>
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<tr>
<td>Canada (DSL/NDSL)</td>
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<td>European Union (EINECS/ELINCS)</td>
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<td>Philippines (PICCS)</td>
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</table>
15.3 National regulations

United States (TSCA)

HMIS (Hazardous Material Information System)

NFPA Rating

This product is subject to restrictions/reporting requirements under TSCA section 5e.

H = 1 / F = 1 / R = 0

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

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

16. SECTION 16: OTHER INFORMATION

Revision: January 10, 2020

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)

P262: Do not get in eyes, on skin, or on clothing.

Hazard pictogram(s) and Hazard Symbol

NONE

Additional Information

Disclaimers

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