


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

<b>1.1 Product identifier</b>	Product Name	<b>Silsurf A008-UP</b>
	Product code	2002.1
	Chemical Name	Poly(oxy-1,2-ethanediyl), .alpha.-[3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl]-.omega.-hydroxy-67674-67-3
	CAS No.	
	Alternative names (INCI)	PEG-8 Dimethicone, PEG-8 Methicone
<b>1.2 Recommended use of the chemical and restrictions on use</b>	Identified use(s)	Additive Surface active agent. Wetting agent PC39 Cosmetics, personal care products
	Uses advised against	Not available.
<b>1.3 Details of the supplier of the Safety Data Sheet</b>	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
<b>1.4 Emergency telephone number</b>	Emergency Phone No.	<b>CANUTEC - TELEPHONE: EMERGENCY USE ONLY</b> <b>+1-613-996-6666</b>

## 2. SECTION 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	<p><b>Acute Tox. 4 - Inhalation</b></p> <p><b>Serious eye damage/irritation 1</b></p> <p><b>Aquatic Chronic 2</b></p>
<b>2.2 Label elements</b>	<p><b>Silsurf A008-UP</b></p> <div style="text-align: center;">  </div> <p><b>Danger</b></p> <p>H332: Harmful if inhaled. H318: Causes serious eye damage. H411: Toxic to aquatic life with long lasting effects. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P271: Use only outdoors or in a well-ventilated area. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell. P305+P351+P338: IF IN EYES: Rinse cautiously with water</p>
	Product Name
	Symbols
	Signal word(s)
	Hazard statement(s)
	Precautionary statement(s)

for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: 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.  
None known

2.3 Other hazards

### 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Hazardous ingredient(s)	Synonym(s)	%W/W	CAS No.	EC No.	Hazard pictogram(s) and Hazard statement(s)
Poly(oxy-1,2-ethanediyl), .alpha.-[3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanylpropyl]-.omega.-hydroxy-	1,1,1,3,5,5,5-Heptamethyl-3-(propyl(poly(EO)) hydroxy) Trisiloxane	> 80	67674-67-3	614-100-2	GHS05, GHS07, GHS09 H318, H332, H411

### 4. SECTION 4: FIRST AID MEASURES



#### 4.1 Description of first aid measures

Inhalation

Remove person to fresh air and keep comfortable for breathing.

Skin Contact

If inhaled, give oxygen or artificial respiration, call a physician.

Eye Contact

IF ON SKIN: Gently wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion

If swallowed, do not induce vomiting: 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

Treat symptomatically.

### 5. SECTION 5: FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing Media

Suitable Extinguishing Media

In case of fire: Use foam, water spray or fog to extinguish. Keep containers cool by spraying with water if exposed to fire.

Unsuitable Extinguishing Media

Dry Chemical

#### 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

Caution - spillages may be slippery. Cover spills with inert

- 6.4 cleaning up** absorbent material. Transfer to a container for disposal.  
**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 strong oxidizing substances.  
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**

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
None assigned						

- 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.  
Plastic or rubber gloves
- 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 >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)	1.02
Solubility(ies)	Dispersible in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity (25°C)	30 – 70 cps
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

## 10. SECTION 10: STABILITY AND REACTIVITY

10.1	<b>Reactivity</b>	Stable under normal conditions.
10.2	<b>Chemical stability</b>	Stable under normal conditions.
10.3	<b>Possibility of hazardous reactions</b>	Will not occur.
10.4	<b>Conditions to avoid</b>	Protect from moisture.
10.5	<b>Incompatible materials</b>	Oxidizing agents.
10.6	<b>Hazardous Decomposition Product(s)</b>	Silicon Dioxide, carbon oxides, incompletely burned carbon compounds, formaldehyde.

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1	<b>Information on toxicological effects</b>	
	<b>Acute toxicity</b>	
	Ingestion	LD50 (oral,rat) mg/kg: > 5050
	Inhalation	LC50 (inhalation) mg/l/4h: 2.3 (rabbit)
	Skin Contact	LD50 (skin,rabbit) mg/kg: 2000 – 5000
	Eye Contact	Causes serious eye damage.
	<b>Effects and Symptoms</b>	
	<b>skin corrosion/irritation</b>	Not classified
	<b>Serious eye damage/irritation</b>	Causes serious eye damage. Possible risk of irreversible effects.
	<b>Respiratory or skin sensitization</b>	Not classified
	<b>Germ cell mutagenicity</b>	Not classified
	<b>Carcinogenicity</b>	Not classified
	<b>Reproductive toxicity</b>	Not classified
	<b>STOT - single exposure</b>	Not classified
	<b>STOT - repeated exposure</b>	Not classified
	<b>Aspiration hazard</b>	Not classified
	<b>Delayed and chronic effects</b>	Not available
	<b>Calculated acute toxicity estimate (ATE)</b>	Not available

## 12. SECTION 12: ECOLOGICAL INFORMATION

12.1	<b>Toxicity</b>	Toxic to aquatic life with long lasting effects.
12.2	<b>Persistence and degradability</b>	Not available.
12.3	<b>Bioaccumulative potential</b>	Not available.
12.4	<b>Mobility in soil</b>	Not available.
12.5	<b>Results of PBT and VPOB assessment</b>	Not available.
12.6	<b>Other adverse effects</b>	None known

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	<b>Waste treatment methods</b>	Do not empty into drains; dispose of this material and its container in a safe way.
13.2	<b>Additional Information</b>	Dispose of contents in accordance with local, state or national legislation.

## 14. SECTION 14: TRANSPORT INFORMATION

14.1	UN number	3082
14.2	UN Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (3-(Polyoxyethylene)propylheptamethyltrisiloxane)
14.3	Transport hazard class(es)	9
14.4	Packing Group	III
14.5	Environmental hazards	Marine Pollutant



## 15. SECTION 15: REGULATORY INFORMATION

15.1	<b>EU regulations</b> REACH Registration No. Candidate List of Substances of Very High Concern for Authorisation	Polymer exempt. Possible trace amounts of: Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.01% Decamethylcyclopentasiloxane (CAS# 541-02-6) < 0.01% Dodecamethylcyclohexasiloxane (CAS# 540-97-6) < 0.01% 1,4-Dioxane (CAS# 123-91-1) < 1 ppm
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### 15.2 International Inventories

Country	Listed	Not listed	Polymer exempt	Other
United States (TSCA)	✓			
Canada (DSL/NDL)	DSL ✓			
European Union (EINECS/ELINCS)			✓	
Australia (AICS)	✓			
China (IECSC)	✓			
Japan (ENCS)	✓			
South Korea (KECI)	✓			
Taiwan (TCSI)	✓			
New Zealand (NZIoC)	✓			
Philippines (PICCS)	✓			

### 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)	<b>H = 1 / F = 1 / R = 0</b>
NFPA Rating	<b>H = 1 / F = 1 / R = 0</b>

### 15.4 US State Regulations

15.4.1 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM	Specific Listing(s) not required Possible trace amounts of: <b>Ethylene Oxide (CAS# 75-21-8) &lt; 1 ppm</b>
15.4.2 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER	Specific Listing(s) not required Possible trace amounts of: <b>Ethylene Oxide (CAS# 75-21-8) &lt; 1 ppm</b> <b>1,4-Dioxane (CAS# 123-91-1) &lt; 1 ppm</b>
15.4.3 State Right to Know Lists	Specific Listing(s) not required Possible trace amounts of: <b>Octamethylcyclotetrasiloxane (CAS# 556-67-2) &lt; 100 ppm</b> <b>Ethylene Oxide (CAS# 75-21-8) &lt; 1 ppm</b> <b>1,4-Dioxane (CAS# 123-91-1) &lt; 1 ppm</b>

## 16. SECTION 16: OTHER INFORMATION

Revision: September 20, 2022

### Hazard statement(s) and Precautionary statement(s)

H318: Causes serious eye damage.

H332: Harmful if inhaled.

H411: Toxic to aquatic life with long lasting effects.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash (hands and exposed skin) thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P304+P312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

### Hazard pictogram(s)



GHS05 GHS07 GHS09

### Disclaimers

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