



SAFETY DATA SHEET

WHMIS 2015 • OSHA HCS (29 CFR 1910.1200) • NOM-018-STPS-2015

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

- 1.1 Product identifier**
Product Name **Silsurf Di-1010**
Product code 2822
Chemical Name Siloxanes and Silicones, di-Me, 3-hydroxypropyl group-terminated, ethoxylated
CAS No. 102783-01-7
Alternative names (INCI) PEG-10 Dimethicone
Bis-PEG-10 Dimethicone
- 1.2 Recommended use of the chemical and restrictions on use**
Identified use(s) PC39 Cosmetics, personal care products
Surface active agent, Coatings, Additive
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. **CANUTEC - 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 **Silsurf Di-1010**
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** None known

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)
Contains no hazardous ingredients					

4. SECTION 4: FIRST AID MEASURES



- 4.1 Description of first aid measures**
- | | |
|--------------|--|
| Inhalation | Remove victim to fresh air and keep comfortable for breathing. |
| Skin Contact | Gently wash with plenty of soap and water. |
| 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** 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**
- | | |
|-----------------------------|--|
| Storage Temperature | Ambient. Ideal storage temperature is (°C): 15 - 40 |
| Storage Life | Stable under normal conditions. |
| Special storage conditions: | Do not freeze. If the product does solidify, heat (to approximately 40°C) and mix until the product returns to a clear liquid. |
- 7.3 Specific end use(s)**
- | | |
|------------------------|------------------|
| Incompatible materials | Oxidizing agents |
| | 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 ³)	STEL (ppm)	STEL (mg/m ³)	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.



Respiratory protection

In case of inadequate ventilation wear respiratory protection.



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)	1.04
Solubility(ies)	Dispersible in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity (25°C)	150 – 400 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

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** Harmful to aquatic life with long lasting effects.
 12.2 **Persistence and degradability** This substance is predicted to degrade in soil and water.
 12.3 **Bioaccumulative potential** The substance has low potential for bioaccumulation.
 12.4 **Mobility in soil** The substance is predicted to have low mobility in soil.
 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:
 Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.1%
 Decamethylcyclopentasiloxane (CAS# 541-02-6) < 0.1%
 Dodecamethylcyclohexasiloxane (CAS# 540-97-6) < 0.1%
 1,4-Dioxane (CAS# 123-91-1) < 1 ppm

15.2 **International Inventories**

Country	Listed	Not listed	Polymer exempt	Other
United States (TSCA)	✓			
Canada (DSL/NDSL)	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)
NFPA Rating

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

Specific Listing(s) not required
Possible trace amounts of:
Ethylene Oxide (CAS# 75-21-8) < 1 ppm

15.4.2 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER

Specific Listing(s) not required
Possible trace amounts of:
Ethylene Oxide (CAS# 75-21-8) < 1 ppm
1,4-Dioxane (CAS# 123-91-1) < 1 ppm

15.4.3 State Right to Know Lists

Specific Listing(s) not required
Possible trace amounts of:
Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.1%
Ethylene Oxide (CAS# 75-21-8) < 1 ppm
1,4-Dioxane (CAS# 123-91-1) < 1 ppm

16. SECTION 16: OTHER INFORMATION

Revision: **July 29, 2022**

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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