



# SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878 & UK REACH

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

<b>1.1 Product identifier</b>	
Product Name	<b>Silmer G-165-F5</b>
Product code	6970.67
Chemical Name	Mixture
CAS No.	63148-62-9 / 213629-14-2
EINECS No.	None assigned
REACH Registration No.	Not applicable - Polymer exempt.
Alternative names (INCI)	Dimethicone (and) Dimethicone Crosspolymer
Unique Formula Identifier (UFI)	not required
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Identified use(s)	PC39 Cosmetics, personal care products
Uses advised against	None known
<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)	marsha.carter@siltech.com
Only representative of a non-Community manufacturer	Siltech Europe B.V. Verlengde Poolseweg 14, 4818CL Breda The Netherlands
UK only representative	H2 Compliance (UK) Ltd C/O Mazars Tower Bridge House, St Katharine's Way St. Katharine's & Wapping, London, UK E1W 1DD
<b>1.4 Emergency telephone number</b>	
Emergency Phone No.	<b>CANUTEC - TELEPHONE: EMERGENCY USE ONLY</b> <b>+1-613-996-6666</b>
UK PNIS (Health Professional use)	0344 892 0111

## 2. SECTION 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
<b>2.1.1 Regulation (EC) No. 1272/2008 (CLP)</b>	<b>Aquatic Chronic 3</b>
<b>2.2 Label elements</b>	
Product Name	Regulation (EC) No. 1272/2008 (CLP) <b>Silmer G-165-F5</b>
Hazard pictogram(s)	NONE
Signal word(s)	NONE
Hazard statement(s)	H412: Harmful to aquatic life with long lasting effects.
Precautionary Statement(s)	P262: Do not get in eyes, on skin, or on clothing. P273: Avoid release to the environment.
<b>2.3 Other hazards</b>	Product does not contain a substance above legal limits included in the list established in accordance with Article 59(1) of Regulation (EC) No 1907/2006 for having endocrine disrupting properties or is identified to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. The product does not contain a substance above legal limits fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

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

#### 3.1 Mixtures

Regulation (EC) No. 1272/2008 (CLP)

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Octamethylcyclotetrasiloxane	< 0.1	556-67-2	209-136-7	Not available	GHS02, GHS08 , GHS09 H226, H361f, H410

Contains a non-classified vPvB substance. (< 0.1%)

Hazardous Ingredient(s)	CAS No.	Specific Concentration Limit	M-factor	ATE
Octamethylcyclotetrasiloxane	556-67-2	Not available	10	> 4,800 mg/kg

### 4. SECTION 4: FIRST AID MEASURES



#### 4.1 Description of first aid measures

Inhalation  
Skin Contact  
Eye Contact

Remove victim to fresh air and keep comfortable for breathing.  
Gently wash with plenty of soap and water.  
If substance has got into the eyes, immediately wash out with plenty of water for several minutes.

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

None known.

#### 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 or fog, alcohol resistant foam, dry chemical or carbon dioxide. 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: 8 & 13

### 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

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						

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

Local exhaust ventilation is required.

#### 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

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state Gel.  
Colour colourless to yellow.  
Odour Faint.  
Melting point/freezing point Not available.  
Boiling Point (°C) >100°C @ 760 mmHg  
Flammability Not available.  
Lower and upper explosion limit Not available.  
Flash Point (PMCC) >100 °C  
Auto-ignition temperature Not available.  
Decomposition Temperature Not available.  
pH Not available.  
Kinematic Viscosity (mm<sup>2</sup>/s) Not available.  
Viscosity (25°C) 200,000 – 500,000 cps  
Solubility Insoluble in water.  
Partition coefficient: n-octanol/water Not available.

Vapour pressure	Not available.
Relative density (25°C)	Not available.
Relative vapour density	Not available.
Particle characteristics	Not applicable.
<b>9.2 Other information</b>	None known.

## 10. SECTION 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	Stable under normal conditions.
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	Will not occur.
<b>10.4 Conditions to avoid</b>	None known.
<b>10.5 Incompatible materials</b>	Oxidizing agents.
<b>10.6 Hazardous Decomposition Product(s)</b>	Silicon Dioxide, carbon oxides, incompletely burned carbon compounds, formaldehyde.

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

<b>Acute toxicity</b>	
Ingestion	Low toxicity expected under normal conditions of use.
Inhalation	Low toxicity expected under normal conditions of use.
Skin Contact	None anticipated.
Eye Contact	None anticipated.
<b>Effects and Symptoms</b>	
<b>skin corrosion/irritation</b>	Not classified
<b>Serious eye damage/irritation</b>	Not classified
<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>11.2 Information on other hazards</b>	Not known.
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## 12. SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	Harmful to aquatic life with long lasting effects.
<b>12.2 Persistence and degradability</b>	Not available.
<b>12.3 Bioaccumulative potential</b>	Not available.
<b>12.4 Mobility in soil</b>	Not available.
<b>12.5 Results of PBT and vPvB assessment</b>	Not available.
<b>12.6 Endocrine disrupting properties</b>	Not available.
<b>12.7 Other adverse effects</b>	None known.

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

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

## 14. SECTION 14: TRANSPORT INFORMATION

<b>14.1 Road/Rail (ADR/RID)</b>	Not hazardous according to current ADR Regulations. Not hazardous according to current RID Regulations.
<b>14.2 Air (ICAO/IATA)</b>	Not classified as hazardous for air transport.
<b>14.3 Sea (IMDG)</b>	Not classified as hazardous for marine transport.
<b>14.4 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.

## 15. SECTION 15: REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1 EU regulations

Authorisations and/or restrictions on use None  
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%  
Octamethyltrisiloxane (CAS# 107-51-7) < 0.1%

#### 15.1.2 National regulations

Wassergefährdungsklasse (Germany) WGK class 1 (official).

#### 15.2 Chemical Safety Assessment

Not available.

#### 15.3 International Inventories

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

#### 15.4 US State Regulations

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

## 16. SECTION 16: OTHER INFORMATION

Date of Last Change: **March 05, 2025**

### 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)

H412: Harmful to aquatic life with long lasting effects.  
P262: Do not get in eyes, on skin, or on clothing.  
P273: Avoid release to the environment.

**Hazard pictogram(s) and Hazard Symbol**

**NONE**

**Additional Information**

Office Locations

**Siltech Corp**

**225 Wicksteed Ave Toronto ON Canada M4H 1G5**

**Siltech Mississauga**

**3265 Wolfedale Road, Mississauga ON Canada L5C 1V8**

Identity of manufacturer/importer and other suppliers

**Siltech Europe B.V.**

**Verlengde Poolseweg 14, 4818CL Breda The Netherlands**

**sales@siltech.com**

INFORMATION CONTACT

Key literature references and sources for data used to compile the SDS      Regulation (EC) No. 1272/2008 (CLP)

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