




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

1.1 Product identifier	
Product Name	Silmer G-165-IDD
Product code	6970.65
Chemical Name	Mixture
CAS No.	13475-82-6 / 213629-14-2
EINECS No.	None assigned
REACH Registration No.	01-2119490725-29-0000 - Polymer exempt.
Alternative names (INCI)	Isododecane (and) Dimethicone Crosspolymer
Unique Formula Identifier (UFI)	Not available
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	PC39 Cosmetics, personal care products
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)	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
1.4 Emergency telephone number	
Emergency Phone No.	CANUTEC - TELEPHONE: EMERGENCY USE ONLY +1-613-996-6666
UK PNIS (Health Professional use)	0344 892 0111

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
2.1.1 Regulation (EC) No. 1272/2008 (CLP)	Flam. Liq. 3 Aquatic Chronic 3
2.2 Label elements	
Product Name	Regulation (EC) No. 1272/2008 (CLP) Silmer G-165-IDD
Hazard pictogram(s)	
Signal word(s)	WARNING
Hazard statement(s)	H226: Flammable liquid and vapour. H412: Harmful to aquatic life with long lasting effects.
Precautionary Statement(s)	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P240: Ground and bond container and receiving equipment. P241: Use explosion-proof electrical/ventilating/lighting/equipment.

P242: Use non-sparking tools.
P243: Take precautionary measures against static discharge.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P403+P235: Store in a well-ventilated place. Keep cool.
P501: Dispose of contents/container to: Observe Local Regulations.

2.3 Other hazards

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)
Isododecane	80 - 90	13475-82-6	236-757-0	01-2119490725- 29-0000	GHS02, GHS08 H226, H304, H413
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
Isododecane	13475-82-6	Not available	Not available	Not available
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

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

Skin Contact

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Eye Contact

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

Ingestion

If swallowed, do not induce vomiting: seek medical advice

- 4.2 Most important symptoms and effects, both acute and delayed** immediately and show this container or label.
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. Ground/bond container and receiving equipment. 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 heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- 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 ³)	STEL (ppm)	STEL (mg/m ³)	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

Flammable



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	Clear to translucent
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)	43°C
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
pH	Not available.
Kinematic Viscosity (mm ² /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.
Other information	None known.

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	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Ingestion	Harmful if swallowed.
Inhalation	Low toxicity expected under normal conditions of use.
Skin Contact	May cause irritation.
Eye Contact	May cause irritation.

Effects and Symptoms

skin corrosion/irritation

Repeated and/or prolonged skin contact may cause

Serious eye damage/irritation	irritation.
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	May be harmful if swallowed and enters airways.

11.2 Information on other hazards Not known.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Harmful to aquatic life with long lasting effects.
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 Endocrine disrupting properties	Not available.
12.7 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 UN number	2286
14.2 UN proper shipping name	Pentamethylheptane Solution
14.3 Transport hazard class(es)	3
14.4 Packing group	III
14.5 Environmental hazards	None
14.6 Special precautions for user	Not known
14.7 Maritime transport in bulk according to IMO instruments	Not available



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.	01-2119490725-29-0000 / 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%
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15.1.2 National regulations

Wassergefährdungsklasse (Germany)	WGK class 1 (official).
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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: **December 11, 2024**

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)

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P501: Dispose of contents/container to: Observe Local Regulations.

Hazard pictogram(s) and Hazard Symbol



GHS02

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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