




# 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

<b>1.1 Product identifier</b>	
Product Name	<b>Silmer G-11-IDD</b>
Product code	6977.15
Chemical Name	Mixture
CAS No.	13475-82-6 / 63394-02-5
Alternative names (INCI)	Isododecane (and) Polysilicone 11
<b>1.2 Recommended use of the chemical and restrictions on use</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
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 +1-613-996-6666</b>

## 2. SECTION 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
	<b>Flam. Liq. 3 Aquatic Chronic 4</b>
<b>2.2 Label elements</b>	
Product Name	<b>Silmer G-11-IDD</b>
Symbol	
Signal word(s)	<b>Warning</b>
Hazard statement(s)	H226: Flammable liquid and vapour. H413: May cause long lasting harmful effects to aquatic life.
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 equipment. P242: Use only 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): Remove/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 None known.

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

#### 3.1 Mixtures

Hazardous ingredient(s)	Synonym(s)	%W/W	CAS No.	EC No.	Hazard pictogram(s) and Hazard statement(s)
2,2,4,6,6-pentamethylheptane	Isododecane	80 - 90	13475-82-6	236-757-0	GHS02, GHS08 H226 , H304, H413

### 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): Remove/take off immediately all contaminated clothing. Rinse skin with water.

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. Immediately call a POISON CENTRE or doctor/physician.

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. Eliminate sources of ignition.

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. 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**  
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 protective clothing and gloves: Impervious gloves (EN 374).
- Respiratory protection  
 Wear suitable respiratory protection. A suitable mask with filter type A (EN14387 or EN405) may be appropriate.
- Thermal hazards  
**8.2.3 Environmental Exposure Controls** Flammable liquid  
Avoid release to the environment.

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Information on basic physical and chemical properties**
- Appearance: Colourless liquid.  
Odour: Characteristic odour.  
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): 45°C  
Evaporation rate: < 1  
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): Not available.

Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity (25°C)	500,000 cps
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

## 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>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
<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

<b>11.1 Information on toxicological effects</b>	
<b>Acute toxicity</b>	
Ingestion	May be harmful if swallowed.
Inhalation	May be harmful if inhaled.
Skin Contact	May cause irritation.
Eye Contact	May cause irritation.
<b>Effects and Symptoms</b>	
<b>skin corrosion/irritation</b>	Repeated and/or prolonged skin contact may cause irritation.
<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>	May be harmful if swallowed and enters airways.
<b>Delayed and chronic effects</b>	Not available
<b>Calculated acute toxicity estimate (ATE)</b>	Not available

## 12. SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	May cause long lasting harmful effects to aquatic life.
<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 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

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



## 15. SECTION 15: REGULATORY INFORMATION

### 15.1 EU regulations

Candidate List of Substances of Very High Concern for Authorisation Possible trace amounts of:  
Decamethylcyclotetrasiloxane (CAS# 541-02-6) < 0.1%  
Dodecamethylcyclohexasiloxane (CAS# 540-97-6) < 0.1%  
Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.1%

### 15.2 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)		X		
Japan (ENCS)		X		
South Korea (KECI)		X		
Taiwan (TCSI)	✓			
New Zealand (NZIoC)	✓			
Philippines (PICCS)	✓			

### 15.3 National regulations

United States (TSCA) **Personal care exempt**  
HMIS (Hazardous Material Information System) **H = 1 / F = 2 / R = 0**  
NFPA Rating **H = 1 / F = 2 / 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: **May 09, 2023**

### 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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P303+P361+P353: IF ON SKIN (or hair): Remove/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.

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



**GHS02**

**Additional Information**

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