



# 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	<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

### 1.2 Recommended use of the chemical and restrictions on use

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 +1-416-424-4567 +1-416-424-3158 marsha.carter@siltech.com
Telephone	
Fax	
E-Mail (competent person)	
Additional Location	Siltech Corp 3265 Wolfedale Road, Mississauga ON Canada L5C 1V8 +1-905-270-5534 +1-905-270-5816
Telephone	
Fax	

### 1.4 Emergency telephone number

Emergency Phone No.	<b>CANUTEC - TELEPHONE: EMERGENCY USE ONLY</b> <b>+1-613-996-6666</b>
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## 2. SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Flam. Liq. 3**  
**Aquatic Chronic 4**

### 2.2 Label elements

Product Name	<b>Silmer G-11-IDD</b>
Symbol	

Signal word(s)

#### Warning

Hazard statement(s)

H226: Flammable liquid and vapour.  
H413: May cause long lasting harmful effects to aquatic life.  
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.

Precautionary statement(s)

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

- 7.2 **Conditions for safe storage, including any incompatibilities**
- Storage Temperature  
Storage Life  
Incompatible materials
- 7.3 **Specific end use(s)**
- receiving equipment. Wash thoroughly after handling.  
General hygiene measures for the handling of chemicals are applicable.  
Store in a tightly closed container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
No smoking.  
Ambient  
Stable under normal conditions.  
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/m³)	STEL (ppm)	STEL (mg/m³)	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

Flammable

#### 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 Gel

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:

Decamethylcyclopentasiloxane (CAS# 541-02-6) < 0.1%  
Dodecamethylcyclohexasiloxane (CAS# 540-97-6) < 0.1%  
Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.1%  
Octamethyltrisiloxane (CAS# 107-51-7) < 0.1%  
Decamethyltetrasiloxane (CAS# 141-62-8) < 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)  
HMIS (Hazardous Material Information System)  
NFPA Rating

**Personal care exempt**  
**H = 1 / F = 2 / R = 0**  
**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: **December 11, 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)**

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



**GHS02**

**Additional Information**

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