




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	Silube 550
Product code	5774
Chemical Name	Mixture
CAS No.	923294-06-8 / 13475-82-6
1.2 Recommended use of the chemical and restrictions on use	
Identified use(s)	Coatings, Surface active agent AC5-2 Fabrics, textiles and apparel: curtains, upholstery, carpeting/flooring, rugs,
Uses advised against	Not available
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.	CANUTECH - TELEPHONE: EMERGENCY USE ONLY +1-613-996-6666

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	Flam. Liq. 3
2.2 Label elements	
Product Name	Silube 550
Symbol	
Signal word(s)	WARNING
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/bond container and receiving equipment. P241: Use explosion-proof electrical/ventilating/lighting/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): 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	50 - 70	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): 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, seek medical advice immediately and show this container or label. Do NOT induce vomiting.

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

Unlikely to be required but if necessary 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. Ground/bond container and receiving equipment. Wash thoroughly after handling.

- 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
- 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.

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:  Wear suitable respiratory protective equipment if processing involves working in areas where dusts or vapours are likely to be evolved.
- Thermal hazards:  Flammable liquid
- 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 liquid.
Odour: Characteristic
Odour Threshold: Not available.
pH: Not available.
Melting Point/Freezing Point: Not available.
Initial boiling point and boiling range: >100°C @ 760 mmHg
Flash point (PMCC): 43 °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): 0.87
Solubility(ies): Insoluble in water.

Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity (25°C)	2000 - 10000 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	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 toxicological effects	
Acute toxicity	
Ingestion	Harmful if swallowed.
Inhalation	Low toxicity under normal conditions of handling and 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 irritation.
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	May cause long lasting harmful effects to aquatic life.
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 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



15. SECTION 15: REGULATORY INFORMATION

15.1 EU regulations

REACH Registration No. Polymer exempt / 01-2119490725-29-0000

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

15.3 International Inventories

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

15.4 National regulations

TSCA Inventory Status : All chemicals in this product comply with TSCA rules and regulations including TSCA Section 5 (Inventory Rules). **Personal care exempt**

HMIS (Hazardous Material Information System) **H = 1 / F = 2 / R = 0**

NFPA Rating **H = 1 / F = 2 / R = 0**

15.5 US State Regulations

15.5.1 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM None known.

15.5.2 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER None known.

15.5.3 State Right to Know Lists None known.

16. SECTION 16: OTHER INFORMATION

Revision:: December 21, 2018

Hazard statement(s) and Precautionary statement(s)

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Hazard pictogram(s)



GHS02

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