



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	Siltech E-2171
Product code	6092
Chemical Name	Mixture
CAS No.	70131-67-8 / 60828-78-6 / 7732-18-5
Alternative names (INCI)	Dimethiconol
1.2 Recommended use of the chemical and restrictions on use	
Identified use(s)	PC24 Lubricants, greases, release products Additive, PC19 Intermediate
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)	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	Eye Irrit. 2
2.2 Label elements	
Product Name	Siltech E-2171
Symbol	NONE
Signal word(s)	Warning
Hazard statement(s)	H320: Causes eye irritation.
Precautionary statement(s)	P264: Wash hands and exposed skin thoroughly after handling. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention. P403+P233: Store in a well-ventilated place. Keep container tightly closed. 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)
Poly(oxy-1,2-ethanediyl), .alpha.-[3,5-dimethyl-1-(2-methylpropyl)hexyl]-.omega.-hydroxy-	Polyethylene glycol mono (3,5-dimethyl-1-isobutylhexyl) ether	1 - 3	60828-78-6	612-043-8	GHS05 H315, H318

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation	Unlikely to be required but if necessary treat symptomatically.
Skin Contact	Remove contaminated clothing immediately and wash affected skin with soap and water.
Eye Contact	If substance has got into the eyes, immediately wash out with plenty of water for several minutes.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.

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

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. 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 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 No personal respiratory protective equipment normally required.



Thermal hazards None.

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	Liquid Opaque (Milky white)
Odour	Faint.
Odour Threshold	Not available.
pH	7.0 – 8.0
Melting Point/Freezing Point	Not available.
Initial boiling point and boiling range	>100°C @ 760mmHg
Flash point (PMCC)	>200°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)	1.00
Solubility(ies)	Dispersible in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity (25°C)	500 – 2000 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	None known.
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	Low toxicity under normal conditions of handling and use.
	Inhalation	Low toxicity under normal conditions of handling and use.
	Skin Contact	None anticipated
	Eye Contact	None anticipated
	Effects and Symptoms	
	skin corrosion/irritation	Not classified
	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	Low toxicity to aquatic organisms.
12.2	Persistence and degradability	This substance is predicted to degrade in soil and water.
12.3	Bioaccumulative potential	The substance has low potential for bioaccumulation.
12.4	Mobility in soil	The product is predicted to have high mobility in soil.
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	DOT / TDG / Road/Rail (ADR/RID)	Not classified as hazardous for road transport. Not classified as hazardous for rail transport.
14.2	Air (ICAO/IATA)	Not classified as hazardous for air transport.
14.3	Sea (IMDG)	Not classified as hazardous for marine transport.

15. SECTION 15: REGULATORY INFORMATION

15.1	EU regulations	
	REACH Registration No.	Polymer exempt.

Candidate List of	Possible trace amounts of: (<0.05%)
Substances of Very High	Octamethylcyclotetrasiloxane (CAS# 556-67-2)
Concern for Authorisation	Decamethylcyclopentasiloxane (CAS# 541-02-6)
	Dodecamethylcyclohexasiloxane (CAS# 540-97-6)

15.3 International Inventories

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

15.4 National regulations

United States (TSCA)	TSCA Inventory Status : All chemicals in this product comply with TSCA rules and regulations including TSCA Section 5 (Inventory Rules).
HMIS (Hazardous Material Information System)	H = 1 / F = 1 / R = 0
NFPA Rating	H = 1 / F = 1 / 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: **September 12, 2018**

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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 P337+P313: If eye irritation persists: Get medical advice/attention.

Hazard pictogram(s) and Hazard Symbol

NONE

Training advice:

Additional Information

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