



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 CE-2000
Product code	8002
Chemical Name	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, 1,2,3-tris(2-octyldodecyl) ester
CAS No.	126121-35-5
Alternative names (INCI)	Trioctyldodecyl Citrate
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
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	Aquatic Chronic 4
2.2 Label elements	
Product Name	Siltech CE-2000
Symbol	NONE
Signal word(s)	NONE
Hazard statement(s)	H413: May cause long lasting harmful effects to aquatic life.
Precautionary statement(s)	P273: Avoid release to the environment. P501: Dispose of contents/container to: Observe Local Regulations.
2.3 Other hazards	None known

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous ingredient(s)	Synonym(s)	%W/W	CAS No.	EC No.	Hazard pictogram(s) and Hazard statement(s)
1,2,3-Propanetricarboxylic acid, 2-hydroxy-, 1,2,3-tris(2-octyldodecyl) ester	Trioctyldodecyl Citrate	>99	126121-35-5	603-121-2	H413

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation
Skin Contact
Eye Contact

Unlikely to be required but if necessary treat symptomatically.
Unlikely to be required but if necessary treat symptomatically.
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

Carbon oxides may be formed.

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	Colourless to yellowish liquid.
Odour	Faint.
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)	>100°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)	0.89
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity (25°C)	Not available.
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)	Carbon oxides may be formed.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Ingestion	LD50 (oral,rat) mg/kg: > 5000
Inhalation	Low toxicity under normal conditions of handling and use.
Skin Contact	LD50 (skin,rat) mg/kg: > 2000
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	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	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.	01-2120771836-41-0001

15.3 International Inventories

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

15.4 National regulations

United States (TSCA)	Personal Care exempt
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: **June 19, 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)

H413: May cause long lasting harmful effects to aquatic life.
P273: Avoid release to the environment.
P501: Dispose of contents/container to: Observe Local Regulations.

Hazard pictogram(s) and Hazard Symbol

NONE

Additional Information

Disclaimers

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