




# 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 **Silmer OH ACR C50**  
Product code 5656.6  
Chemical Name Siloxanes and Silicones, di-Me, 3-[2-hydroxy-3-[(1-oxo-2-propenyl)oxy]propoxy]propyl Me  
CAS No. 193486-79-2
- 1.2 Recommended use of the chemical and restrictions on use**  
Identified use(s) An intermediate chemical product.  
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** **Skin sensitisation, category 1B**
- 2.2 Label elements**  
Product Name **Silmer OH ACR C50**  
Symbol 
- Signal word(s) Warning  
Hazard statement(s) H317: May cause an allergic skin reaction.  
Precautionary statement(s) P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P363: Wash contaminated clothing before reuse.  
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 Substances

Hazardous ingredient(s)	Synonym(s)	%W/W	CAS No.	EC No.	Hazard pictogram(s) and Hazard statement(s)
Siloxanes and Silicones, di-Me, 3-[2-hydroxy-3-[(1-oxo-2-propenyl)oxy]propoxy]propyl Me	---	>99	193486-79-2	Not applicable	GHS07 : H317

### 4. SECTION 4: FIRST AID MEASURES



#### 4.1 Description of first aid measures

Inhalation  
Skin Contact

Remove persons affected by vapour to fresh air.  
Remove contaminated clothing immediately and wash affected skin with plenty of water. Seek medical attention if irritation persists.

Eye Contact

If substance has got into the eyes, immediately wash out with plenty of water for several minutes. Seek medical attention if irritation persists.

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

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**  
 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
Chromium (III) Acetate	1066-30-4		0.5			as Cr

- 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                                   | Coloured liquid. (Greenish) |
| Odour  | Characteristic odour.       |
| Odour Threshold                              | Not available.              |
| pH   | Not available.              |
| Melting Point/Freezing Point                 | Not available.              |
| Initial boiling point and boiling range      | Not available.              |
| 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)   | Not available.              |
| Solubility(ies)                              | Not available.              |
| Partition coefficient: n-octanol/water       | Not available.              |
| Auto-ignition temperature                    | Not available.              |
| Decomposition Temperature                    | Not available.              |

Viscosity (25°C)	700 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	May cause irritation.
	Skin Contact	May cause irritation.
	Eye Contact	May cause irritation.
	Effects and Symptoms	
	skin corrosion/irritation	Not classified
	Serious eye damage/irritation	Not classified
	Respiratory or skin sensitization	Repeated and/or prolonged contact may cause skin sensitisation.
	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 substance is predicted to have low 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 Substances of Very High Concern for Authorisation Possible trace amounts of: (<0.1%)  
Octamethylcyclotetrasiloxane (CAS# 556-67-2)  
Decamethylcyclopentasiloxane (CAS# 541-02-6)  
Dodecamethylcyclohexasiloxane (CAS# 540-97-6)

Contains: Chromium (III) Acetate (CAS#1066-30-4) < 0.08%

### 15.3 International Inventories

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

### 15.4 National regulations

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 Chromium (III) Acetate (CAS#1066-30-4) < 0.08%

## 16. SECTION 16: OTHER INFORMATION

Revision: November 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

### References:

**Hazard statement(s) and Precautionary statement(s)**

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P363: Wash contaminated clothing before reuse.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

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



**GHS07**

**Additional Information**

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