




# 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 Di-400**  
Product code 5882.6  
Chemical Name Siloxanes and Silicones, di-Me, 3-[2-(hydroxy-3-[(1-oxo-2-propenyl)oxy]propoxy]propyl group-terminated 125455-52-9  
CAS No.
- 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) marsha.carter@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. **CANUTEC - TELEPHONE: EMERGENCY USE ONLY  
+1-613-996-6666**

## 2. SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**  
Skin Sens. 1  
Aquatic Chronic 3
- 2.2 Label elements**  
Product Name **Silmer OH ACR Di-400**  
Symbol 
- Signal word(s) **Warning**  
Hazard statement(s) H317: May cause an allergic skin reaction.  
H412: Harmful to aquatic life with long lasting effects.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P273: Avoid release to the environment.  
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.  
Precautionary statement(s)

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 group-terminated	---	> 99	125455-52-9	Not applicable	GHS07 : H317
4-methoxyphenol	mequinol	< 0.12	150-76-5	205-769-8	GHS07 H302, H317, H319

### 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

Repeated and/or prolonged contact may cause skin sensitisation.

#### 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.

#### 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




- 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
- chemicals are applicable. Wear impervious gloves (EN374).  
Store in a tightly closed container.

## 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LEL (8 hr TWA ppm)	LEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
mequinol	150-76-5		5			NIOSH/ACGIH
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 impervious gloves (EN374).
- Respiratory protection:  When workers are reasonably likely to be exposed to particles, whereby engineering controls (e.g. confinement of operation, general/local ventilation) and/or administrative controls (e.g. workplace policies and procedures) are not able to mitigate exposure, a NIOSH approved respirator with a minimum APF of 1000 in accordance with 29 CFR 1910.134 is 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.
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)	500 - 4000 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>	None known.
<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	Low oral toxicity, but ingestion may cause irritation of the gastrointestinal tract.
Inhalation	May cause irritation.
Skin Contact	May cause irritation.
Eye Contact	May cause irritation.
<b>Effects and Symptoms</b>	
<b>skin corrosion/irritation</b>	Not classified
<b>Serious eye damage/irritation</b>	Not classified
<b>Respiratory or skin sensitization</b>	Repeated and/or prolonged contact may cause skin sensitisation.
<b>Germ cell mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	Not classified
<b>Reproductive toxicity</b>	May cause adverse reproductive effects.
<b>STOT - single exposure</b>	May cause irritation to eyes, skin and air passages.
<b>STOT - repeated exposure</b>	Not classified
<b>Aspiration hazard</b>	Not classified
<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>	Harmful to aquatic life with long lasting effects.
<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

<b>14.1 DOT / TDG / Road/Rail (ADR/RID)</b>	Not classified as hazardous for road transport.
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- 14.2 Air (ICAO/IATA) Not classified as hazardous for rail transport.  
14.3 Sea (IMDG) Not classified as hazardous for air transport.  
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:  
Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.1%  
Decamethylcyclopentasiloxane (CAS# 541-02-6) < 0.1%  
Dodecamethylcyclohexasiloxane (CAS# 540-97-6) < 0.1%

Contains:

4-methoxyphenol (CAS# 150-76-5) < 0.12%  
Chromium (III) Acetate (CAS#1066-30-4) < 0.09%

### 15.2 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)	✓			
Taiwan (TCSI)	✓			
New Zealand (NZIoC)	✓			
Philippines (PICCS)		X		

### 15.3 National regulations

HMIS (Hazardous Material Information System)  
NFPA Rating  
EPA

**H = 1 / F = 1 / R = 0**

**H = 1 / F = 1 / R = 0**

The following hazards were identified based on EPA's assessment, but are not GHS classifiable:  
Skin irritation, Eye irritation, Respiratory sensitization, Skin sensitization, Reproductive toxicity, Specific target organ toxicity

### 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

**4-methoxyphenol (CAS# 150-76-5) < 0.12%**  
**Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.1%**  
**Chromium (III) Acetate (CAS#1066-30-4) < 0.09%**

## 16. SECTION 16: OTHER INFORMATION

Revision: **December 07, 2022**

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

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



**Additional Information**

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