



# 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

<b>1.1 Product identifier</b>	
Product Name	<b>Silmer ACR D208</b>
Product code	5662
Chemical Name	Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethers with polyethylene glycol and polyethylene glycol monoacrylate
CAS No.	518299-28-0
<b>1.2 Recommended use of the chemical and restrictions on use</b>	
Identified use(s)	An intermediate chemical product. Additive, Coatings
Uses advised against	None known
<b>1.3 Details of the supplier of the Safety Data Sheet</b>	
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
<b>1.4 Emergency telephone number</b>	
Emergency Phone No.	<b>CANUTECH - TELEPHONE: EMERGENCY USE ONLY</b> <b>+1-613-996-6666</b>

## 2. SECTION 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	<b>Repr. 1B</b>
<b>2.2 Label elements</b>	
Product Name	<b>Silmer ACR D208</b>
Symbol	
Signal word(s)	<b>Danger</b>
Hazard statement(s)	H360: May damage fertility or the unborn child.
Precautionary statement(s)	P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P281: Use personal protective equipment as required. P308+P313: IF exposed or concerned: 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.
<b>2.3 Other hazards</b>	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)
Dibutyltin diacetate	dibutyltin di(acetate)	0.19 - 0.21	1067-33-0	213-928-8	GHS06, GHS08, GHS05, GHS07 H314, H317, H318, H341, H360, H370, H372, H410

### 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	Unlikely to be required but if necessary treat symptomatically.
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 CO <sub>2</sub> 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 <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
dibutyltin di(acetate)	1067-33-0		0.1		0.2	(as Sn)

#### 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 (Yellow)
Odour	Characteristic odour.
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)	1.07
Solubility(ies)	Soluble in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity (25°C)	300 – 1000 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	
	<b>Acute toxicity</b>	
	Ingestion	May be harmful if swallowed.
	Inhalation	Low toxicity under normal conditions of handling and use.
	Skin Contact	May cause irritation
	Eye Contact	May cause irritation
	<b>Effects and Symptoms</b>	
	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	May damage fertility. May damage the unborn child.
	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	Not available.
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.	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: dibutyltin di(acetate) (CAS#1067-33-0) : 0.19 – 0.21%

**15.2 International Inventories**

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

**15.3 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)  
NFPA Rating

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

**15.4 US State Regulations**

**15.4.1** SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM

Specific Listing(s) not required  
Possible trace amounts of:

**Ethylene Oxide (CAS# 75-21-8) < 1 ppm**

**15.4.2** SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER

Specific Listing(s) not required  
Possible trace amounts of:

**Ethylene Oxide (CAS# 75-21-8) < 1 ppm**

**1,4-Dioxane (CAS# 123-91-1) < 1 ppm**

**15.4.3** State Right to Know Lists

Specific Listing(s) not required  
Possible trace amounts of:

**Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.1%**

**Ethylene Oxide (CAS# 75-21-8) < 1 ppm**

**1,4-Dioxane (CAS# 123-91-1) < 1 ppm**

**16. SECTION 16: OTHER INFORMATION**

Revision: **December 09, 2020**

**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)**

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H341: Suspected of causing genetic defects.

H360: May damage fertility or the unborn child.

H370: Causes damage to organs: Thymus.

H372: Causes damage to organs through prolonged or repeated exposure.

H410: Very toxic to aquatic life with long lasting effects.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P281: Use personal protective equipment as required.

P308+P313: IF exposed or concerned: Get medical advice/attention.

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

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



**Additional Information**

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