



# Safety Data Sheet

## SAF-1117FGK

Prepared/Revision Date: September 23, 2016

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### SAF-1117FGK

**Manufactured / Supplied by:**

SILCHEM INC.  
200 Granton Drive  
Richmond Hill, ON, Canada L4B 1H7  
Ph: (905) 709-5867

**24 Hour Emergency Response Information**

Chemical Emergency Only:  
Canutec (613) 996-6666 (24Hr)

**Recommended use:** Silicone Antifoam  
**Restrictions on use:** Industrial or Food-Grade Use  
**Chemical Family:** Silicone Antifoam  
**Formula:** Mixture

### 2. HAZARD IDENTIFICATION

This SDS conforms to HazCom 2012, OSHA Hazard Communication Standard 29CFR Part 1910.1200 & WHMIS 2015

**OSHA/HCS Status:** This Material is NOT considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**WHMIS Status:** This Material is NOT considered hazardous by under WHMIS 2015

**Classification:**

**Physical Hazard(s):** None

**Health Hazard(s):** None

**Environmental Hazard(s):** None

**Signal Word(s):** None

**Hazard Statement:** None

**Precautionary Statements:**

P264 - Wash hands thoroughly after handling

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other:** Not known

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

This product contains no Hazardous Ingredients, all other ingredients are considered Proprietary

Name	CAS Number	Concentration Range

### 4. FIRST AID MEASURES

**Inhalation:** Provide fresh air. Get medical attention if any discomfort continues.  
**Skin:** Wash with plenty of soap and water. If irritation persists, obtain medical advice.  
**Eye:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.  
**Ingestion:** Rinse mouth with water. Do not give victim anything to drink if he is unconscious. Give several small portions of water to drink. Do not induce vomiting.  
**Acute & Delayed Symptoms / Effects:** Any relevant information can be found in other parts of this section.  
**Immediate Medical Attention & Special Treatment:** No data are available.



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### 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Fire can be extinguished using foam, water spray, dry chemicals or Carbon dioxide
<b>Unsuitable Extinguishing Media:</b>	None known.
<b>Specific Hazards Arising from the Chemical:</b>	None known.
<b>Special Firefighting Procedures:</b>	A self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving Chemicals. Use water spray to keep fire exposed containers cool.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Wear proper Protective Equipment:
<b>Non-Emergency Personnel</b>	If material is released indicate risk of slipping.
<b>Emergency Responders</b>	If material is released indicate risk of slipping.
<b>Environmental Precautions:</b>	Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material.
<b>Methods &amp; Materials for Containment &amp; Cleaning up:</b>	Take up mechanically and dispose of according to local/state/federal regulations. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump into suitable containers. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.

### 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling:</b>	Avoid contact with skin and eyes. Spilled substance increases risk of slipping.
<b>Conditions for Safe Storage:</b>	Store between 4 - 27°C (40 - 80°F). Protect against Sun & Frost. Do not allow this material to freeze. Allowing temperature to exceed 27°C (80°F) can cause instability of the material.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Control Parameters:</b>	
<b>Occupational Exposure Limit:</b>	UNK
<b>Biological Limit:</b>	UNK
<b>Engineering Controls:</b>	Eye wash stations.
<b>Ventilation:</b>	General
<b>Individual Protection Measures:</b>	
<b>Respiratory Protection:</b>	No personal respiratory protective equipment is normally required. If deemed required select NIOSH/MSHA approved equipment.
<b>Protective Gloves:</b>	Nitrile or rubber gloves. Wash at mealtime and end of shift is adequate.
<b>Eye and Face Protection:</b>	Safety glasses
<b>Other Protective Equipment:</b>	Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

		(not intended for use in preparing specifications)			
<b>Appearance:</b>					
<b>Physical State:</b> Liquid		<b>Colour:</b> White to off white			
<b>Odour:</b>	Odourless				
<b>Odour threshold:</b>	UNK	(PPM)			
<b>pH:</b>	UNK				
<b>Melting point / freezing point:</b>					
	NA	(°C)	NA	(°F)	
<b>Initial Boiling Point &amp; Boiling Range:</b>					
	NA	(°C)	NA	(°F)	
<b>Flash Point</b>	NA	(°C)	NA	(°F)	(PMCC)



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**Evaporation rate** NA  
**Flammability:** Not Flammable  
**Flammability Limits**  
     **Upper Limit:** ND (%)      **Lower Limit:** ND (%)  
**Vapour Pressure:** NA (20°C) (MM/HG)  
**Vapour Density:** NA (AIR=1)  
**Relative density:** ~1  
**Solubility (ies):**  
     **Water:** Insoluble      **Organic Solvent:** Soluble, Toluene  
**Partition coefficient: (n- UNK**  
**Auto - ignition** UNK  
**Decomposition** UNK  
**Viscosity:** NA cSt

### 10. STABILITY AND REACTIVITY

**Reactivity:** If stored and handled in accordance with standard industrial practices no hazardous reactions are known.  
**Chemical Stability:** This mixture is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.  
**Possibility of Hazardous reactions:** This mixture is stable under normal ambient and anticipated storage. When heated at approximately 150°C (300°F) and above, in the presence of air, formaldehyde can be generated. Safe handling conditions may be maintained by keeping vapors concentrations within occupational exposure limit for formaldehyde. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.  
**Conditions to Avoid:** Avoid contact with strong oxidizers. Avoid excessive heat for prolonged periods of time.  
**Incompatible Materials:** There are no known chemicals with which this mixture could react to produce a hazardous situation.  
**Hazardous Decomposition Products:** Carbon dioxide, Carbon Monoxide, Silicon dioxide, Formaldehyde.

### 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Based on the available data acute toxic effects are not expected.

Route of Exposure	Result/Effect	Species/Test System	Source

**Skin Corrosion / Irritation:** No adverse effects are normally expected.  
**Serious Eye Damage / Irritation:** No adverse effects are normally expected.  
**Germ Cell Mutagenicity:** For this endpoint no toxicological test data is available for the whole product.  
**Carcinogenicity:** This product or one of its ingredients present 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.  
**Reproductive Toxicity:** No adverse effects are normally expected.  
**STOT-single Exposure:** No adverse effects are normally expected.  
**STOT-repeated Exposure:** No adverse effects are normally expected.  
**Aspiration Hazard:** No adverse effects are normally expected.  
**Likely Routes of Exposure:** Skin & Eye contact  
**Related Symptoms:** None Known.  
**Acute Health Effects:**  
     **Delayed Effects:** No adverse effects are normally expected.  
     **Immediate Effects:** No adverse effects are normally expected.  
**Chronic Health Effects:**  
     **Delayed Effects:** No adverse effects are normally expected.  
     **Immediate Effects:** No adverse effects are normally expected.  
**Other Information:** None Known.



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### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Based on the available data acute & chronic toxic effects are not expected.

Result / Effect	Species/Test System	Source

**Persistence and Degradability:** Biologically not degradable. Absorbed by floating particles. Separation by sedimentation.

**Bioaccumulative potential:** No adverse effects expected.

**Mobility in soil:** No adverse effects expected. Separation by sedimentation.

**Other Adverse effects:** None known.

### 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:**

**Material** Recommendation: Dispose of according to regulations by incineration in a special waste incinerator. Observe local/state/federal regulations.

**Packaging** Recommendation: Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

### 14. TRANSPORT INFORMATION

**Transport Hazard Class(es) & Packing Group**

**UN Number:** Not regulated for transport

**UN Shipping Name:** Not regulated for transport

**IATA:** Not regulated for transport

**American Class:**

**DOT Shipping Name:** Not regulated for transport

**DOT Hazard Class:** Not regulated for transport

**DOT Label(s):** Not regulated for transport

**Placards:** Not regulated for transport

**European Class:**

**Road ADR:** Not regulated for transport

**Railway RID:** Not regulated for transport

**Transport by sea IMDG-Code:** Not regulated for transport

**Air Transport ICAO-TI/IATA-** Not regulated for transport

**DGR:**

**Canadian Class:**

**TDG:** Not regulated for transport

**Environmental Hazard(s):** Hazardous to the environment: See other sections

**Special Precautions:** Relevant information in other sections have to be considered.

**Annex II of MARPOL 73/78:**

**IBC Code:**

### 15. REGULATORY INFORMATION

**TSCA - USA** All components are listed or exempt.

**DSL - Canada** All components are listed or exempt.

**EINECS-Europe** All components are listed or exempt.



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**Sara Section 302:** None Found

**Sara (311,312)** None

**Hazard Class:** None

**Sara (313) Chemicals:**

**CPSC Classification:** None

**EXPORT**

**Schedule B/HTSUS:** 3403.99.0000

**ECCN:** EAR99

**Hazard Rating System**

<b>HMIS</b>	Flammability 1	Reactivity 0	Health 0
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<b>NFPA</b>	Flammability 1	Reactivity 0	Health 0
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### 16. OTHER INFORMATION

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are in the specific content of the intended use. Believed to be generally applicable. However, each user should review these recommendations

<b>C =</b>	ceiling limit	<b>NEGL</b>	=	negligible
<b>EST=</b>	estimated	<b>NF</b>	=	none found
<b>NA =</b>	not applicable	<b>UNK</b>	=	unknown
<b>NE =</b>	none established	<b>REC</b>	=	recommended
<b>ND =</b>	none determined	<b>V</b>	=	recommended by vendor
<b>SKN=</b>	skin	<b>TS</b>	=	trade secret
<b>R =</b>	recommended	<b>MST</b>	=	mist
<b>NT =</b>	not tested	<b>STEL</b>	=	short term exposure limit

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