



Safety Data Sheet

SAF-111FGK

Prepared/Revision Date: July 30, 2020

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SAF-111FGK

Manufactured / Supplied by:

SILCHEM
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.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Fire can be extinguished using foam, water spray, dry chemicals or Carbon dioxide
Unsuitable Extinguishing Media: None known.



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Specific Hazards Arising from the Chemical: None known.

Special Firefighting Procedures: 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

Personal Precautions: Wear appropriate personal protective equipment.

Non-Emergency Personnel: If material is released, there is an increased risk of slipping.

Emergency Responders: If material is released, there is an increased risk of slipping.

Environmental Precautions: Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material.

Methods & Materials for Containment & Cleaning up: 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

Precautions for Safe Handling: Avoid contact with skin and eyes. Spilled substance increases risk of slipping.

Conditions for Safe Storage: 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

Control Parameters:

Occupational Exposure Limit: UNK

Biological Limit: UNK

Engineering Controls: Eye wash stations.

Ventilation: General

Individual Protection Measures:

Respiratory Protection: No personal respiratory protective equipment is normally required. If deemed required select NIOSH/MSHA approved equipment.

Protective Gloves: Nitrile or rubber gloves. Wash at mealtime and end of shift is adequate.

Eye and Face Protection: Safety glasses

Other Protective Equipment: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

(not intended for use in preparing specifications)

Appearance:

Physical State: Liquid **Colour:** White to off white

Odour: Odourless

Odour threshold: UNK (PPM)

pH: UNK

Melting point / freezing point: NA (°C) NA (°F)

Initial Boiling Point & Boiling Range: NA (°C) NA (°F)

Flash Point: NA (°C) NA (°F) (PMCC)

Evaporation rate: NA

Flammability: Not Flammable

Flammability Limits



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Upper Limit: ND	(%)	Lower Limit: ND	(%)
Vapour Pressure:	NA	(20°C)	(MM/HG)
Vapour Density:	NA	(AIR=1)	
Relative density:	~1		
Solubility (ies):			
Water:	Soluble	Organic Solvent:	UNK
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): Not Classified

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.

Sara Section 302: None Found

Sara (311,312) None

Hazard Class:

Sara (313) Chemicals: None



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California Prop 65:

⚠ WARNING! This product can expose you to the following chemicals known to the State of California to cause cancer:
Ethylene Oxide (75-21-8)
1,4-Dioxane (123-91-1) For more information go to www.P65Warnings.ca.gov.

⚠ WARNING! This product can expose you to the following chemicals known to the State of California to cause birth defects or other reproductive harm:
Ethylene Oxide (75-21-8) For more information go to www.P65Warnings.ca.gov.

CPSC Classification: None

EXPORT

Schedule B/HTSUS: 3403.99.0000

ECCN: EAR99

Hazard Rating System

HMIS	Flammability 0	Reactivity 0	Health 0
NFPA	Flammability 0	Reactivity 0	Health 0

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

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

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