



Safety Data Sheet - GHS

CFR Poly-Foam Control

Date of Revision: April 1, 2025

Section 1 - Chemical Product and Company Identification

Product Name	CFR Poly-Foam Control
Synonyms	Polyalkylene Glycol
Product Use	defoamer
Restrictions on Use	None known
Supplier	CFR Chemicals 38451 Range Road 22 County of Red Deer T4E 2N6
General Assistance	1 (877) 269-3419
Emergency Telephone	Not Dangerous Goods – Call General Assistance
Date of Preparation of SDS	April 1, 2017

Section 2 – Hazard Identification

Signal Word	None
GHS Pictogram(s)	None
Hazard Statement:	None
Precautionary Statement	None
Response	None
Storage	None
Disposal	None

GHS Classification Not classified

HMIS Classification

Health Hazard	0
Chronic Health Hazard	*
Flammability	1
Physical Hazards	0

Potential Health Effects

Inhalation	May cause respiratory tract irritation.
Skin	May cause skin irritation.
Eye	May cause eye irritation.

Section 3 – Composition Information on Ingredients

HAZARDOUS INGREDIENT	Hazardous Ingredient, Synonyms	PERCENT	CAS NUMBER
Polyalkylene Glycol	PAG	100%	9003-11-6

* = Various ** = Mixture *** = Proprietary

Section 4 - First Aid Measures

Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes. Remove contact lenses, if worn. If irritation persists, consult a physician.
Skin Contact	Wash off with plenty of water. Consult a physician if irritation persists.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most Important Symptoms/Effects both Acute and Delayed	Not available
Note to Physician	Not available

Section 5 – Fire-Fighting Measures

Flash Point (°C)	216°C
Flash Point Method	PMCC
Conditions of Flammability	Not flammable or combustible.
Extinguishing Media	Use water fog or spray alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	Water jet
Unusual Fire/Explosion Hazard	In a fire or if heated, a pressure increase will occur and the container may burst
Hazardous Combustion Products	Carbon oxides
Fire Fighting Equipment	Wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode.
Special Precautions for Firefighters	No data available.

Section 6 – Accidental Release Measures

Personal precautions	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Methods and materials for containment and cleaning up	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Section 7 – Handling and Storage

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
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Conditions for safe storage	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Hygroscopic.
Materials to avoid	Strong acids, Strong bases, Strong oxidizers.

Section 8 – Exposure Controls / Personal Protection

Occupational Exposure Limits

Ingredient Name	Exposure Limits
Polyalkylene glycol	Canada, Alberta OHSC Code None established ACGIH TLV None established

Personal protective equipment

Eye/face protection	Chemical safety glasses with side shields to prevent eye contact.
Skin protection	Wear chemical resistant gloves, impermeable protective clothing and safety shoes.
Respiratory protection	Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary.
General hygiene	
Considerations	Handle in accordance with good industrial hygiene and safety. Eye wash fountains and safety showers must be easily accessible.

Specific engineering controls	No special ventilation requirements.
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Section 9 – Physical and Chemical Properties

Physical State	Liquid	Water Solubility	Limited water solubility
Appearance & Odour	Clear, colourless. Mild odour.	Boiling Point	Not applicable. Decomposes before boiling.
Vapour Pressure	Not available	Boiling Point Range	Not applicable
Vapour Density	>1 (Air = 1)	Melting Point	-32°C
Specific Gravity	1.015	Freezing Point	-32°C
Partition coefficient (n-octanol/water)	Not available	Lower Explosive Limit (LEL)	Not available
pH	7.5 – 9.3	Upper Explosive Limit (UEL)	Not available
Flashpoint (Method)	216°C (PMCC)	Auto Ignition temperature	Not available
Odour Threshold	Not available	Evaporation Rate	Not available
Flammability (Solid, Gas)	Not available		
Decomposition Temperature	Not available	Viscosity	Not available

Section 10 – Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous	Polymerization will not occur.



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reactions

Conditions to avoid

Exposure to elevated temperatures can cause decomposition. Generation of gas during decomposition can cause pressure in closed systems.

Materials to avoid

Strong acids, Strong bases, Strong oxidizers.

Hazardous decomposition products

Carbon oxides, aldehydes, alcohols, ethers, ketones, organic acids.

Section 11- Toxicological Information

Information on Likely Routes of Exposure

Inhalation No data available

Skin contact No data available

Eye contact No data available

Ingestion No data available

Acute and Chronic Toxicity

No data available.

Acute toxicity

Product/Ingredient Name	Result	Species	Dose	Exposure
Polyalkylene Glycol	LD50 Oral	Rat	>400mg/kg	-
	LD50 Dermal	Rabbit	>10000mg/kg	-

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/ Eye irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Reproductive toxicity

No data available

Teratogenicity

No data available

Specific target organ toxicity - single exposure (Globally Harmonized System)

No data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System)

No data available

Aspiration hazard

No data available.

Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure

Short Term Exposure

Potential immediate Health Effects No data available.

Potential Delayed Health Effects No data available.

Long Term Exposure

Potential immediate Health Effects No data available.

Potential Delayed Health Effects No data available.

Potential Chronic Effects No data available.

Synergistic effects

No data available



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Section 12 – Ecological Information

Toxicity

Product / Ingredient Name	Result	Species	Exposure
Polyalkylene Glycol	No data available		

Persistence and degradability

Biodegradability Material is readily biodegradable. Passes OECD tests(s) for ready biodegradability; >60% in 28 days.

Bioaccumulative potential No data available

Mobility in soil No data available

PBT and vPvB assessment No data available

Section 13 – Disposal Considerations

Product

Do not discharge substance/product into sewer system. Dispose of in accordance with national, regional, and local regulations.

Contaminated packaging

Dispose of as unused product in a licensed facility. Recommend crushing, puncturing, or other means to prevent unauthorized use of used containers. Do not cut, weld, or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled materials and runoff and contain with soil, waterways, drains, and sewers.

Section 14 - Transportation Information

CANADA Transportation of Dangerous Goods (TDG)

Not Dangerous Goods

Section 15 – Regulatory Information

DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act)

All components of this product are in compliance with the chemical notification requirements of the NSN Regulations under CEPA, 1999.

TSCA Inventory

All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the SDS contains all the information required by the Hazardous Products Regulations.

Section 16 – Other Information

REVISION SUMMARY:

Date of Preparation April 1, 2017



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SDS Prepared by: CFR Lab Manager

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