

Safety Data Sheet

Section 1. Identification		
Product Identifier	Chem-Frost 50%	Version: 8 Effective Date: 9 December 2020
Other Means Of Identification	None	
Initial Supplier Identifier	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055	
Recommended Use and Restrictions On Use	Inhibited, non-toxic heat transfer fluid. No Restrictions.	
Product Family	Blend	
Emergency Phone	1-855-887-2055 Monday - Friday 8:00am - 4:30pm MST	

Section 2. Hazard Identification	
Hazard Classification	Not a regulated product
Signal Word	None
Precautionary Prevention Statement	Non Hazardous
Precautionary Response Statement	Non Hazardous
Precautionary Storage Statement	Non Hazardous
Precautionary Disposal Statement	Non Hazardous
Hazard Statement	None
Other Hazards	None

Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Ingredients are considered non-hazardous and constitute a proprietary blend			

Safety Data Sheet

Section 4. First-Aid Measures	
Eye Contact	Flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact	Wash skin with water.
Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
Ingestion	Rinse mouth with water if conscious. Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	Not hazardous
Immediate Medical Attention and Special Treatment	None required

Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Use dry chemical, CO ₂ , water spray (fog) or foam.
Hazardous Combustion Products	Oxides of carbon.
Specific Hazards Arising From the Product	In case of fire, product will burn with liberation of oxides of carbon
Special Protective Equipment and Precautions for Fire-Fighting	Fire-fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire.

Section 6. Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures	Protective equipment is not required under normal conditions of use. Good housekeeping practices should be employed.
Environmental Precautions	As a general precaution this product should not be allowed to enter the storm sewers or surface water courses.
Methods and Materials for Containment and Clean-Up	Soak up with absorbent. Place in a suitable container for disposal. Wash area with water to remove residues.

Safety Data Sheet

Section 7. Handling and Storage	
Precautions for Safe Handling	Handle with care. Good housekeeping practices should be employed.
Conditions for Safe Storage	Store in a cool place. Keep container closed when not in use.

Section 8. Exposure Controls / Personal Protection				
Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
	All components are non-hazardous.			
Exposure Controls	Local exhaust ventilation			
Appropriate Engineering Controls	Ensure eye wash station and safety shower are available.			
Individual Protective Measures				
Eye / Face Protection	Wear chemical safety goggles			
Skin Protection	Wear chemical safety gloves			
Respiratory Protection	Not required			

Section 9. Physical and Chemical Properties	
Appearance	Pink liquid
Odour	Odourless
Odour Threshold	Not applicable
pH	8
Flash Point	>100 °C
Boiling Point and Boiling Range	No data
Melting Point and Freezing point	-33 °C
Evaporation Rate	No data
Flammability (solid, gas)	Not applicable
Upper and Lower flammability or Explosive Limits	No data
Vapour Pressure	No data
Vapour Density	No data
Relative Density	1.034
Solubility	Soluble in water. Hygroscopic
Partition co-efficient, n-Octanol/Water	No data
Auto-ignition Temperature	No Data
Decomposition Temperature	No data

Safety Data Sheet

Viscosity	No data
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Section 10. Stability and Reactivity	
Reactivity	Stable
Chemical Stability	The product is stable
Possibility of Hazardous Reactions	None
Conditions to Avoid	High temperatures, sparks, open flames and other sources of ignition. Avoid moisture contamination.
Incompatible Materials	Strong oxidizers, strong acids, and isocyanates.
Hazardous Decomposition Products	Under normal storage condition decomposition will not occur. Thermal decomposition products are toxic and may include oxides of carbon and irritating gases.

Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
	All components are non-hazardous.		
Likely Routes of Exposure			
Skin:	Potential irritant. May cause irritation and redness with prolonged and repeated contact.		
Eyes:	May cause tearing and irritation.		
Inhalation:	May cause irritation of the upper respiratory tract.		
Ingestion:	May cause irritation of the upper respiratory tract.		
Acute Toxicity Estimates (ATE)	May cause digestive tract disturbances.		
Acute Toxicity Estimates (ATE)	Not hazardous		
STOT (Specific Target Organ Toxicity) – Single Exposure	Not classified		
Aspiration Toxicity	Not hazardous		
STOT (Specific Target Organ Toxicity) – Repeated Exposure	Not classified		
Skin Corrosion / Irritation	Not hazardous		
Serious Eye Damage / Irritation	Not hazardous		
Respiratory or Skin Sensitization	Not hazardous		



Manufacturer of Specialty Chemicals

Safety Data Sheet

Carcinogenicity	No information available.
Reproductive Toxicity	
- Sexual Function and Fertility	Not classified
- Development of Offspring	Not classified
- Effects on or via Lactation	Not classified
Germ Cell Mutagenicity	Not classified
Interactive Effects	Not classified
Other Information	Not applicable

Section 12. Ecological Information	
Ecotoxicity	No data available on product itself
Persistence and Degradability	Readily degradable
Bioaccumulative Potential	Will not bioaccumulate
Biodegradability	This product has a high rate of biodegradation
Mobility in Soil	No data,
Special Remarks	BOD: 2.2 – 64% (theoretical 5 days)
Other Adverse Effects	Not applicable

Section 13. Disposal Considerations	
Disposal Considerations	Dispose of in accordance with local, provincial and federal regulations.

Section 14. Transport Information	
UN Number	None
UN Proper Shipping Name	None
Transport Hazard Class(es)	None
Packaging Group	None
Environmental Hazards	Not applicable
Bulk Transport	Not applicable
Special Precaution	Not applicable
DOT Erg#	Not applicable

Safety Data Sheet

Section 15. Regulatory Information	
Canada – DSL Inventory	All components of this product are either on the Domestic Substances List (DSL), Non-Domestic Substances List (NDSL) or exempt
TSCA	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt
Additional Information	None

Section 16. Other Information	
NFPA Rating	Health-0/ Flammability-0/Reactivity-0/Special Hazard-Not applicable
HMIS Rating	Health-0/Flammability-0/Reactivity-0/Personal Protection-See Section 8.
Prepared by:	Chemfax Products Ltd., Technical Department
Date Prepared:	16 January, 2013
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