

# Safety Data Sheet

Section 1. Identification		
<b>Product Identifier</b>	<b>Chem-Frost 100%</b>	<b>Version: 7</b> <b>Effective Date: 9 December 2020</b>
<b>Other Means Of Identification</b>	None	
<b>Initial Supplier Identifier</b>	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055	
<b>Recommended Use And Restrictions On Use</b>	Inhibited, non-toxic heat transfer fluid. No Restrictions	
<b>Product Family</b>	Blend	
<b>Emergency Phone</b>	1-855-887-2055 Monday - Friday 8:00am - 4:30pm MST	

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

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<b>Section 4. First-Aid Measures</b>	
<b>Eye Contact</b>	Flush eyes with water for 15 minutes. Seek medical attention.
<b>Skin Contact</b>	Wash skin with water.
<b>Inhalation</b>	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
<b>Ingestion</b>	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.
<b>Most Important Symptoms and Effects both Acute and Delayed</b>	Not hazardous.
<b>Immediate Medical Attention and Special Treatment</b>	None required

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

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

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

<b>Section 8. Exposure Controls / Personal Protection</b>				
<b>Control Parameters</b>	<b>TWA: 8 Hr</b>	<b>STEL: 15 min</b>	<b>Ceiling</b>	<b>IDLH *</b>
	All components are non-hazardous.			
<b>Exposure Controls</b>	Local exhaust ventilation			
<b>Appropriate Engineering Controls</b>	Ensure safety shower and eye wash station are available.			
<b>Individual Protective Measures</b>				
<b>Eye / Face Protection</b>	Wear chemical safety goggles			
<b>Skin Protection</b>	Wear chemical safety gloves			
<b>Respiratory Protection</b>	None required.			

<b>Section 9. Physical and Chemical Properties</b>	
<b>Appearance</b>	Pink liquid
<b>Odour</b>	Odourless
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	8
<b>Flash Point</b>	>100 °C
<b>Boiling Point and Boiling Range</b>	214 °C
<b>Melting Point and Freezing point</b>	-50 °C
<b>Evaporation Rate</b>	Not determined
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper and Lower Flammability or Explosive Limits</b>	No data
<b>Vapour Pressure</b>	0.07 – 0.20
<b>Vapour Density</b>	2.5 – 2.6
<b>Relative Density</b>	1.03 – 1.04
<b>Solubility</b>	Soluble in water. Hygroscopic
<b>Partition co-efficient, n-Octanol/Water</b>	No data
<b>Auto-ignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	No data

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

<b>Section 11. Toxicological Information</b>			
<b>Component Toxicity</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
	All components are non-hazardous.		
<b>Likely Routes of Exposure</b>			
<b>Skin:</b>	Potential irritant. May cause irritation and redness with prolonged and repeated contact.		
<b>Eyes:</b>	May cause tearing and irritation.		
<b>Inhalation:</b>	May cause irritation of the upper respiratory tract.		
<b>Ingestion:</b>	May cause digestive tract disturbances.		
<b>Acute Toxicity Estimates (ATE)</b>	Not hazardous		
<b>STOT (Specific Target Organ Toxicity) – Single Exposure</b>	No hazard		
<b>Aspiration Toxicity</b>	No hazard		
<b>STOT (Specific Target Organ Toxicity) – Repeated Exposure</b>	Not classified		
<b>Skin Corrosion / Irritation</b>	No hazard		
<b>Serious Eye Damage / Irritation</b>	No hazard		
<b>Respiratory or Skin Sensitization</b>	No hazard		
<b>Carcinogenicity</b>	No information available.		
<b>Reproductive Toxicity</b>			



Manufacturer of Specialty Chemicals

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- 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

### Section 15. Regulatory Information

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<b>Canada – DSL Inventory</b>	All components of this product are either on the Domestic Substances List (DSL), Non-Domestic Substances List (NDSL), or exempt
<b>TSCA</b>	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt
<b>Additional Information</b>	None

<b>Section 16. Other Information</b>	
<b>NFPA Rating</b>	Health-0/ Flammability-0/Reactivity-0/Special Hazard-Not applicable
<b>HMIS Rating</b>	Health-0/Flammability-0/Reactivity-0/Personal Protection-See Section 8.
<b>Prepared by:</b>	Chemfax Products Ltd., Technical Department
<b>Date Prepared:</b>	15 January, 2013
<b>Date Of Latest Revision:</b>	9 December 2020
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