

# Safety Data Sheet

Section 1. Product and Company Identification		
<b>Product Name</b>	<b>Chem-Press 22</b>	<b>Version: 2</b> <b>Effective Date: 9 December 2020</b>
<b>Other Means of Identification</b>	<b>None</b>	
<b>Supplier/Manufacturer</b>	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055	
<b>Material Uses</b>	Compressor Oil	
<b>Restrictions on use</b>	None	
<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 hazardous product.
<b>Physical Hazards</b>	Not applicable.
<b>Health Hazards</b>	Not applicable.
<b>Signal Word</b>	None
<b>Precautionary Prevention Statement</b>	Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling.
<b>Precautionary Response Statement</b>	If swallowed: Immediately call a poison center or doctor. If exposed or concerned: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
<b>Hazard Statement</b>	Not hazardous.
<b>Other Hazards</b>	None

Section 3. Composition and Information on Ingredients		
Name	CAS#	% by weight
Ingredients are considered non-hazardous and constitute a proprietary blend		

Section 4. First Aid Measures	
<b>Eye Contact</b>	Flush eyes thoroughly with water for several minutes. Remove contact

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	lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.
<b>Skin Contact</b>	Flush off with plenty of water.
<b>Inhalation</b>	Move person to fresh air; if effects occur, consult a physician.
<b>Ingestion</b>	No emergency medical treatment necessary.
<b>Most Important Symptoms and Effects, Acute and Delayed</b>	Aside from the information found under Description of first aid measures (above) and Additional First Aid Remarks (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.
<b>Additional First Aid Remarks</b>	No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

<b>Section 5. Fire Fighting Measures</b>	
<b>Suitable Extinguishing Media</b>	Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.
<b>Unsuitable Extinguishing Media</b>	Do not use direct water stream. May spread fire.
<b>Hazardous Combustion Products</b>	During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.
<b>Specific Hazards Arising from the Product</b>	None
<b>Precautions for Fire Fighting</b>	Fire fighters should wear self contained breathing apparatus and full protective clothing. Do not use direct water stream. May spread fire. Move container from fire area if this is possible without hazard. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Contain fire water run-off if possible. Fire water run-off, if not contained, may cause environmental damage.

<b>Section 6. Accidental Release Measures</b>	
<b>Personal Precautions</b>	Gloves, safety glasses or goggles, chemical resistant footwear, coveralls.

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<b>Protective Equipment and Emergency Procedures</b>	Air purifying respirator fitted with appropriate cartridges. Isolate area. Refer to section 7, Handling, for additional precautionary measures. Keep unnecessary and unprotected personnel from entering the area. Spilled material may cause a slipping hazard.
<b>Environmental Precautions</b>	Do not allow product to enter surface drains and watercourses
<b>Methods for Clean Up</b>	Contain spilled material if possible. Absorb with materials such as: Dirt. Sand. Sawdust. Collect in suitable and properly labeled containers. Wash the spill site with water.

Section 7. Handling and Storage	
<b>Precautions for Safe Handling</b>	Wash thoroughly after handling. Keep container closed. This material is hygroscopic in nature. Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion.
<b>Conditions for Safe Storage</b>	Protect from atmospheric moisture. Store in a dry place. Avoid prolonged exposure to heat and air. Store in the following material(s): Carbon steel. Stainless steel. Polypropylene. Polyethylene-lined container. Teflon. Glass-lined container. Aluminum. Plasite 3066 lined container. Plasite 3070 lined container. 316 stainless steel.

Section 8. Exposure Controls and Personal Protection				
<b>Exposure Guidelines</b> Polypropylene Glycol	<b>TWA: 8 Hr</b> 10 mg/m <sup>3</sup> US WEEL	<b>STEL: 15 min</b>	<b>Ceiling</b>	<b>IDLH *</b>
<b>Exposure Controls</b>	Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.			
<b>Eye and Face Protection</b>	Wear safety glasses. Use equipment for eye protection that meets the standards referenced by CSA Standard CAN/CSA-Z94.3-92 and OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.			
<b>Skin Protection</b>	Wear protective clothing. Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.			
<b>Respiratory Protection</b>	If engineering controls and ventilation are not sufficient to control			

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exposure to below the allowable limits then an appropriate NIOSH/MSHA approved air-purifying respirator that meets the requirements of CSA Standard CAN/CSA-Z94.4-11, or self-contained breathing apparatus must be used. Supplied air breathing apparatus must be used when oxygen concentrations are low or if airborne concentrations exceed the limits of the air-purifying respirators.

### Section 9. Physical and Chemical Properties

<b>Physical State and Appearance</b>	Colourless to pale yellow liquid
<b>Odour Threshold</b>	Not available.
<b>pH</b>	6.5 - 8.5 ASTM E70 (16.7% in isopropanol/water, 10:6)
<b>Boiling Point</b>	Decomposes prior to boiling
<b>Melting Point / Freezing point</b>	-35 °C
<b>Flash Point</b>	closed cup 198 °C ( 388 °F) ASTM D 93
<b>Evaporation Rate</b>	Not determined
<b>Vapour Density</b>	>1 Calculated.
<b>Vapour Pressure</b>	Negligible at ambient temperature
<b>Relative Density</b>	1.002 at 25 °C (77 °F) / 25 °C ASTM D4052
<b>Solubility in Water</b>	Partially miscible
<b>% Volatile</b>	Not determined
<b>Autoignition</b>	Not determined

### Section 10. Stability and Reactivity

<b>Chemical Stability</b>	Stable
<b>Hazardous Reactions</b>	Will not occur
<b>Conditions to Avoid</b>	Product can oxidize at elevated temperatures. Generation of gas during decomposition can cause pressure in closed systems.
<b>Materials to Avoid</b>	Avoid contact with oxidizing materials. Avoid contact with: Strong acids. Strong bases. Avoid unintended contact with isocyanates. The reaction of polyols and isocyanates generates heat.
<b>Hazardous Decomposition Products</b>	Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to: Carbon dioxide. Alcohols. Ethers. Hydrocarbons. Ketones. Polymer fragments.

### Section 11. Toxicological Information

<b>Component Toxicity</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
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Polypropylene Glycol	>10g/kg (Rat)	>10g/kg(rabbit)	Not determined
<b>Principle Routes of Exposure</b>			
<b>Skin:</b>	Non-irritating.		
<b>Eyes:</b>	May cause slight temporary eye irritation. Corneal injury is unlikely.		
<b>Inhalation:</b>	At room temperature, exposure to vapor is minimal due to low volatility; single exposure is not likely to be hazardous.		
<b>Ingestion:</b>	Not considered toxic by ingestion.		
<b>Chronic Toxic Effects</b>	None known		
<b>Carcinogenicity</b>	No listed.		

Section 12. Ecological Information	
<b>Ecotoxicity</b>	Material is practically non-toxic to fish on an acute basis (LC50 > 100 mg/L).
<b>Bioaccumulative Potential</b>	For this family of materials: No bioconcentration is expected because of the relatively high molecular weight (MW greater than 1000).
<b>Biodegradability</b>	Not available
<b>Mobility in Soil</b>	No data
<b>Special Remarks</b>	None

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

Section 14. Transport Information	
<b>UN Number</b>	Not applicable
<b>UN Shipping Name</b>	None
<b>Class</b>	Not applicable
<b>Packaging Group</b>	Not applicable
<b>Environmental Hazards</b>	Not applicable
<b>Bulk Transport</b>	Not applicable
<b>Special Precaution</b>	Not applicable
<b>DOT Erg#</b>	Not applicable

Section 15. Regulatory Information	
<b>Canada – DSL Inventory</b>	All components of this product are either on the Domestic Substances

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	List (DSL) or 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-1/ Flammability-2/Reactivity-0/Special Hazard-Not applicable
<b>WHMIS Class</b>	D2A; D2B
<b>Prepared by:</b>	Chemfax Products Ltd., Technical Department
<b>Date Prepared:</b>	4 May, 2016
<b>Revision Date:</b>	9 December 2020
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