


# Safety Data Sheet

Section 1. Identification		
<b>Product Identifier</b>	Clear View	<b>Version: 7</b> <b>Effective Date:</b> 15 January 2021
<b>Other Means of Identification</b>	Not applicable	
<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>	Mirror, window cleaner. 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>	
<b>Physical Hazards</b>	None
<b>Health Hazards</b>	Eye Damage / Irritation - Category 2A Specific Target Organ Toxicity (Single Exposure) – Category 3
<b>Signal Word</b>	Warning
<b>Hazard Statement</b>	Causes serious eye irritation. May cause respiratory irritation; or may cause drowsiness or dizziness.
<b>Precautionary Prevention Statement</b>	Wash hands thoroughly after handling. Wear eye / face protection. Avoid breathing vapour. Use only outdoors or in a well-ventilated area.
<b>Precautionary Response Statement</b>	IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
<b>Precautionary Storage Statement</b>	Store in a well ventilated place. Keep container tightly closed and locked up.

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<b>Precautionary Disposal Statement</b>	Dispose of contents / container in accordance with local regulations.
<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
Isopropanol	Isopropyl alcohol	67-63-0	1 - 5

Balance of ingredients are considered non-hazardous and constitute a proprietary blend

### Section 4. First-Aid Measures

<b>Eye Contact</b>	Flush eyes with water for 15 minutes. Seek medical attention.
<b>Skin Contact</b>	Flush area with water. If irritation persists seek medical attention. Launder clothing before reuse.
<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>	Harmful if swallowed. Narcotic effect. Irritating to eyes, respiratory system, and skin
<b>Immediate Medical Attention and Special Treatment</b>	Treat symptomatically. Symptoms may be delayed. Get medical advice/attention if you feel unwell. Show this safety data sheet to the doctor in attendance.

### Section 5. Fire-Fighting Measures

<b>Suitable and Unsuitable Extinguishing Media</b>	Dry chemical, alcohol resistant foam, and carbon dioxide
<b>Hazardous Combustion Products</b>	Carbon monoxide and dioxide
<b>Specific Hazards Arising From The Product</b>	Vapours may cause a flash fire or ignite explosively. Vapours may travel considerable distance to a source of ignition and flash back. Prevent build-up of vapours or gases to explosive concentrations. Vapor from the solvent may accumulate in container headspace resulting in flammability hazard. Thermal decomposition may release oxides of carbon.

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<b>Special Protective Equipment and Precautions For Fire-Fighters</b>	Fire-fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire.
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Section 6. Accidental Release Measures	
<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Gloves (nitrile), coveralls (Nomex), safety glasses
<b>Environmental Precautions</b>	Do not allow large volumes to enter the surface drains
<b>Methods and Materials for Containment and Clean-Up</b>	For large spills soak up product on absorbent material, place in a suitable container for disposal, wash area with water

Section 7. Handling and Storage	
<b>Precautions for Safe Handling</b>	Handle with care
<b>Conditions for Safe Storage</b>	Store in a cool dry place, keep containers closed when not in use

Section 8. Exposure Controls / Personal Protection				
<b>Control Parameters</b>	<b>TWA: 8 Hr</b>	<b>STEL: 15 min</b>	<b>Ceiling</b>	<b>IDLH *</b>
Isopropanol	200 ppm	400 ppm		
	CAD AB OEL	CAD AB OEL		
<b>Exposure Controls</b>	Local exhaust ventilation			
<b>Appropriate Engineering Controls</b>	Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.			
<b>Individual Protective Measures</b>	Under normal conditions of use these are not normally required.			
<b>Eye / Face Protection</b>	Safety glasses.			
<b>Skin Protection</b>	Gloves (nitrile), coverall (Nomex) and chemical resistant footwear			
<b>Respiratory Protection</b>	If exposure limits are exceeded an air purifying respirator fitted with organic vapour cartridges must be worn.			

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Section 9. Physical and Chemical Properties	
<b>Appearance</b>	Pale blue, clear liquid
<b>Odour</b>	Mild alcohol odour
<b>Odour Threshold</b>	50 ppm for isopropyl alcohol
<b>pH</b>	8.
<b>Flash Point</b>	No data
<b>Boiling Point and Boiling Range</b>	No data
<b>Melting Point and Freezing Point</b>	No data
<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>	Not determined
<b>Vapour Density</b>	Not determined
<b>Relative Density</b>	0.991
<b>Solubility</b>	Completely soluble
<b>Partition co-efficient, n-Octanol/water</b>	No data
<b>Auto-ignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	No data
<b>% Volatile</b>	<5%
<b>Viscosity</b>	No data

Section 10. Stability and Reactivity	
<b>Reactivity</b>	Stable
<b>Chemical Stability</b>	Stable
<b>Possibility of Hazardous Reactions</b>	Will not occur
<b>Conditions to Avoid</b>	None known
<b>Incompatible Materials</b>	None known
<b>Hazardous Decomposition Products</b>	None known

Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isopropanol	4700–5800 mg/kg	5030–7900 mg/kg	16000 ppm

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<b>Likely Routes of Exposure</b>	
<b>Skin:</b>	May cause mild irritation.
<b>Eyes:</b>	May cause mild irritation of the eyes.
<b>Inhalation:</b>	Inhalation of vapours and mists may cause irritation to the upper respiratory tract.
<b>Ingestion:</b>	May cause mild digestive tract disturbances.
<b>Acute Toxicity Estimates (ATE)</b>	Not toxic
<b>STOT (Specific Target Organ Toxicity) – Single Exposure</b>	No data
<b>Aspiration Toxicity</b>	No data
<b>STOT (Specific Target Organ Toxicity) – Repeated Exposure</b>	No data
<b>Skin Corrosion / Irritation</b>	Mild irritation
<b>Serious Eye Damage / Irritation</b>	Irritating to eye
<b>Respiratory or Skin Sensitization</b>	No data
<b>Carcinogenicity</b>	No listed.
<b>Reproductive Toxicity</b>	
- Sexual Function and Fertility	No data
- Development of Offspring	No data
- Effects on or via Lactation	No data
<b>Germ Cell Mutagenicity</b>	No data
<b>Interactive Effects</b>	No data
<b>Other Effects</b>	Not applicable

<b>Section 12. Ecological Information</b>	
<b>Ecotoxicity</b>	Isopropanol: LC50: 5770 – 7450 mg/L (Fathead minnow) 96 hr Flow through LC50: 10,000 mg/L (Water flea) 24 hr Static
<b>Persistence and Degradability</b>	Not expected to bioaccumulate
<b>Bioaccumulative Potential</b>	No data
<b>Biodegradability</b>	Expected to be completely biodegradable

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<b>Mobility in Soil</b>	No data
<b>Special Remarks</b>	Not applicable
<b>Other Adverse Effects</b>	Not applicable

### Section 13. Disposal Considerations

<b>Disposal Considerations</b>	Dispose of contents / containers in accordance with local regulations.
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### Section 14. Transport Information

<b>UN Number</b>	None
<b>UN Proper Shipping Name</b>	None
<b>Transport Hazard Class(es)</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>	None

### Section 15. Regulatory Information

<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

### Section 16. Other Information

<b>NFPA Rating</b>	Health-1/ Flammability-0/Reactivity-0/Special Hazard-Not applicable
<b>HMIS Rating</b>	Health-1/Flammability-0/Reactivity-0/Personal Protection-See Section 8.
<b>Prepared by:</b>	Chemfax Products Ltd., Technical Department
<b>Date Prepared:</b>	August 26, 2012
<b>Date of Latest Revision:</b>	15 January 2021

**Disclaimer**

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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