

# Safety Data Sheet

Section 1. Identification	
<b>Product Identifier</b>	<b>Eliminator</b>
	<b>Version: 6</b> <b>Effective Date: 15 January 2021</b>
<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>	Odour eliminator, deodorizer. 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>	Flammable Liquids - Category 2
<b>Health Hazards</b>	Eye Damage / Irritation - Category 2A Specific Target Organ Toxicity (Single Exposure) - Category 3
<b>Signal Word</b>	Danger
<b>Hazard Statement</b>	Highly flammable liquid and vapour. Causes serious eye irritation. May cause respiratory irritation, may cause drowsiness and dizziness.
<b>Precautionary Prevention Statement</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion proof electrical, ventilating and lighting equipment. Use non sparking tools. Take action to prevent static discharge. Wear protective gloves, clothing, eye and face protection. Wash hands thoroughly after handling. Avoid breathing dust, fumes, gas, mist, vapours or spray. Only use outdoors, or in a well-ventilated area.
<b>Precautionary Response Statement</b>	IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water or shower if on clothes.

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	<p>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.</p> <p>IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>Call a doctor if you feel unwell.</p> <p>In case of fire: Use dry chemical, alcohol resistant foam, or carbon dioxide to extinguish</p>
<b>Precautionary Storage Statement</b>	Store locked up in a well-ventilated cool place and keep container tightly closed.
<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	IPA (Isopropyl alcohol)	67-63-0	25 - 50
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>	Causes skin dryness and irritation.
<b>Immediate Medical Attention and Special Treatment</b>	Wash thoroughly with water and soap.



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Section 5. Fire-Fighting Measures	
<b>Suitable and Unsuitable Extinguishing Media</b>	Dry chemical, alcohol resistant foam, and carbon dioxide. Do not use water.
<b>Hazardous Combustion Products</b>	Carbon monoxide and dioxide
<b>Specific Hazards Arising From the Product</b>	Not applicable
<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.

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 product to enter surface drains and watercourses
<b>Methods and Materials for Containment and Clean-Up</b>	Stop leak, soak/pump up spilled material. Place in a suitable container for disposal. Wash area with water to remove residues.

Section 7. Handling and Storage	
<b>Precautions For Safe Handling</b>	Flammable liquid. Handle with care.
<b>Conditions For Safe Storage</b>	Store in a cool dry place away from all sources of ignition. Empty containers may have flammable residues present. Keep container closed when not in use. Ground containers when 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.			

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<b>Individual Protective Measures</b>	Nor normally required under normal conditions of use. If exposure limits are exceeded:
<b>Eye / Face Protection</b>	Safety glasses.
<b>Skin Protection</b>	Gloves (nitrile), coverall (Nomex), chemical resistant footwear.
<b>Respiratory Protection</b>	an air purifying respirator fitted with organic vapour cartridges must be worn.

<b>Section 9. Physical and Chemical Properties</b>	
<b>Appearance</b>	Lemon - yellow liquid, Bubble gum – blue liquid
<b>Odour</b>	Specific
<b>Odour Threshold</b>	Not available.
<b>pH</b>	7 - 8
<b>Flash Point</b>	29 - 32 °C
<b>Boiling Point and Boiling Range</b>	No data
<b>Melting Point and Freezing Point</b>	5 °C
<b>Evaporation Rate</b>	Not determined
<b>Flammability (solid, gas)</b>	Flammable
<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>	0.924 to 0.927
<b>Solubility</b>	Completely soluble
<b>Partition co-efficient, n-Octanol/Water</b>	No data
<b>Auto-ignition Temperature</b>	230 °C
<b>Decomposition Temperature</b>	No data
<b>Viscosity</b>	No data

<b>Section 10. Stability and Reactivity</b>	
<b>Reactivity</b>	Stable
<b>Chemical Stability</b>	Stable
<b>Possibility of Hazardous Reactions</b>	Will not occur
<b>Conditions to Avoid</b>	Naked flames. Sparks and sources if ignition
<b>Incompatible Materials</b>	Acids, aldehydes, alkalis, amines, ethylene oxide, halogenated hydrocarbons, halogens, isocyanates, strong acid, strong oxidizing agents. Do not use with aluminium equipment at temperatures above 49 °C.

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**Hazardous Decomposition Products** Not expected to occur under normal conditions of use.

Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isopropanol	4700–5800 mg/kg (Rat)	5030–7900 mg/kg (Rabbit)	16000 ppm (Rat)
<b>Likely Routes of Exposure</b>			
<b>Skin:</b>	May cause mild irritation. Prolonged contact may cause dryness, cracking, and possible skin burns.		
<b>Eyes:</b>	May cause irritation of the eyes, including stinging, redness and tearing.		
<b>Inhalation:</b>	Inhalation of vapours and mists will cause irritation to the upper respiratory tract.		
<b>Ingestion:</b>	May cause severe irritation of the gastrointestinal tract. Ingestion may cause vomiting, which can lead to aspiration of the material – this can cause lung damage and inflammation of lung tissue.		
<b>Acute Toxicity Estimates (ATE)</b>	No data		
<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>	Can cause irritation		
<b>Serious Eye Damage / Irritation</b>	Can cause irritation		
<b>Respiratory or Skin Sensitization</b>	Prolonged exposure can cause sensitization		
<b>Carcinogenicity</b>	No listed.		
<b>Reproductive Toxicity</b>			
- <b>Sexual Function and Fertility</b>	No data		
- <b>Development of Offspring</b>	No data		
- <b>Effects on or via Lactation</b>	No data		
<b>Germ Cell Mutagenicity</b>	No data		

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<b>Interactive Effects</b>	No data
<b>Other Information</b>	Mild reversible liver effects

<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>	Will not persist in the environment.
<b>Bioaccumulative Potential</b>	No data
<b>Biodegradability</b>	Expected to be completely biodegradable
<b>Mobility in Soil</b>	No data
<b>Other Adverse Effects</b>	Not applicable

<b>Section 13. Disposal Consideration</b>	
<b>Disposal Considerations</b>	Dispose of contents/container in accordance with local, provincial and federal regulations.

<b>Section 14. Transport Information</b>	
<b>UN Number</b>	1219
<b>UN Proper Shipping Name</b>	Isopropanol Solution
<b>Transport Hazard Class(es)</b>	3
<b>Packaging Group</b>	II
<b>Environmental Hazards</b>	Not applicable
<b>Bulk Transport</b>	Not applicable
<b>Special Precaution</b>	Not applicable
<b>DOT Erg#</b>	129

<b>Section 15. Regulatory Information</b>	
<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

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<b>Section 16. Other Information</b>	
<b>NFPA Rating</b>	Health-1/ Flammability-3/Reactivity-0/Special Hazard-Not applicable
<b>HMIS Rating</b>	Health-1/Flammability-3/Reactivity-0/Personal Protection-See Section 8.
<b>Prepared by:</b>	Chemfax Products Ltd., Technical Department
<b>Date Prepared:</b>	28 October, 2011
<b>Date of Latest Revision:</b>	15 January 2021
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