

**Section 1: IDENTIFICATION**

**Product Name:** Clearoma Liquid Formula

**Synonyms:** Not available.

**Product Use:** Odour treatment.

**Restrictions on Use:** Not available.

**Manufacturer/Supplier:** Hazel Manufacturing Inc.  
Unit 1 # 876 Leathead Road  
Kelowna BC Canada V1X 2J8

**Phone Number:** 778 796 1399

**Emergency Phone:** 778 796 1399

**Date of Preparation of SDS:** September 10, 2019

**Section 2: HAZARD(S) IDENTIFICATION****GHS INFORMATION**

**Classification:** Flammable Liquids, Category 4

**LABEL ELEMENTS**

**Hazard** None.

**Pictogram(s):**

**Signal Word:** Warning

**Hazard Statements:** Combustible liquid.

**Precautionary Statements**

**Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Response:** In case of fire: Use dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam to extinguish.

**Storage:** Store in a well-ventilated place. Keep cool.

**Disposal:** Dispose of contents/container in accordance with applicable regional, national and local laws and regulations.

**Hazards Not Otherwise Classified:** Not applicable.

**Ingredients with Unknown Toxicity:** None.

This material is considered hazardous by the OSHA Hazard Communication Standard, (29 CFR 1910.1200).

This material is considered hazardous by the Hazardous Products Regulations.

**Section 3: COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous Ingredient(s)	Common name / Synonyms	CAS No.	% wt./wt.
2-Propanol	Isopropyl alcohol	67-63-0	1 - 5

Actual concentration range(s) withheld as a trade secret.

**Section 4: FIRST-AID MEASURES**

<b>Inhalation:</b>	If inhaled: Call a doctor if you feel unwell.  <b>Acute and delayed symptoms and effects:</b> Prolonged inhalation of high amounts of vapour or mist may cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
<b>Eye Contact:</b>	If in eyes: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a doctor if you feel unwell.  <b>Acute and delayed symptoms and effects:</b> Splashes cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
<b>Skin Contact:</b>	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Call a doctor if you feel unwell.  <b>Acute and delayed symptoms and effects:</b> May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
<b>Ingestion:</b>	If swallowed: Call a doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.  <b>Acute and delayed symptoms and effects:</b> May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
<b>General Advice:</b>	In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).
<b>Note to Physicians:</b>	Symptoms may not appear immediately. For Isopropanol intoxication, a urine acetone test may be helpful in diagnosis. Hemodialysis should be considered in severe cases.

**Section 5: FIRE-FIGHTING MEASURES****FLAMMABILITY AND EXPLOSION INFORMATION**

Combustible liquid.

<b>Sensitivity to Mechanical Impact:</b>	This material is not sensitive to mechanical impact.
<b>Sensitivity to Static Discharge:</b>	Take action to prevent static discharges. This material is sensitive to static discharge.

## SAFETY DATA SHEET

**MEANS OF EXTINCTION**

<b>Suitable Extinguishing Media:</b>	Small Fire: Dry chemical, CO <sub>2</sub> , water spray or alcohol-resistant foam.  Large Fire: Water spray, fog or alcohol-resistant foam. Move containers from fire area if you can do it without risk.
<b>Unsuitable Extinguishing Media:</b>	Do not use straight streams.
<b>Products of Combustion:</b>	Oxides of carbon.
<b>Protection of Firefighters:</b>	Fire may produce irritating, corrosive and/or toxic gases. Runoff from fire control may cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

**Section 6: ACCIDENTAL RELEASE MEASURES**

<b>Emergency Procedures:</b>	Keep unauthorized personnel away. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
<b>Personal Precautions:</b>	Do not touch or walk through spilled material. Use personal protection recommended in Section 8.
<b>Environmental Precautions:</b>	Keep out of drains, sewers, ditches, and waterways.
<b>Methods for Containment:</b>	Stop leak if without risk. Do not flush to sewer or allow to enter waterways.
<b>Methods for Clean-Up:</b>	Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
<b>Other Information:</b>	See Section 13 for disposal considerations.

**Section 7: HANDLING AND STORAGE****Handling:**

Do not swallow. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash thoroughly after handling. See Section 8 for information on Personal Protective Equipment.

**Storage:**

Store in a well-ventilated place. Keep cool. Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.

**Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines****Component**

Isopropyl alcohol [CAS No. 67-63-0]

**ACGIH:** 200 ppm (TWA); 400 ppm (STEL); A4; BEI (2001)

**OSHA:** 400 ppm (TWA), 980 mg/m<sup>3</sup> (TWA);  
500 ppm (STEL) [Vacated];

**TWA:** Time-Weighted Average

**STEL:** Short-Term Exposure Limit

**SAFETY DATA SHEET**

**Engineering Controls:** Not normally required.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**



**Eye/Face Protection:** Not normally required for consumer use. If handling large amounts, wear chemical safety goggles.

**Hand Protection:** Not normally required for consumer use. If handling large amounts, wear protective gloves.

**Skin and Body Protection:** Not normally required for consumer use. If handling large amounts, wear protective clothing.

**Respiratory Protection:** Not normally required for consumer use.

**General Hygiene Considerations:** Handle according to established industrial hygiene and safety practices.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Colourless to light yellow to light green liquid.

**Colour:** Colourless to light yellow to light green.

**Odour:** Alcohol.

**Odour Threshold:** Not available.

**Physical State:** Liquid.

**pH:** Not available.

**Melting Point / Freezing Point:** Not available.

**Initial Boiling Point:** Not available.

**Boiling Range:** Not available.

**Flash Point:** 64 °C (147.2 °F) (PMCC)

**Evaporation Rate:** Not available.

**Flammability (solid, gas):** Not applicable.

**Lower Flammability Limit:** Not available.

**Upper Flammability Limit:** Not available.

**Vapor Pressure:** Not available.

**Vapor Density:** Not available.

**Relative Density:** Not available.

**Solubilities:** Soluble in water.

**Partition Coefficient: n-Octanol/Water:** Not available.

**SAFETY DATA SHEET**

**Auto-ignition Temperature:** Not available.

**Decomposition Temperature:** Not available.

**Viscosity:** Not available.

**Percent Volatile, wt. %:** Not available.

**VOC content, wt. %:** Not applicable.

**Density:** Not available.

**Coefficient of Water/Oil Distribution:** Not available.

**Section 10: STABILITY AND REACTIVITY**

**Reactivity:** Contact with incompatible materials. Sources of ignition. Exposure to heat.

**Chemical Stability:** Stable under normal storage conditions.

**Possibility of Hazardous Reactions:** None known.

**Conditions to Avoid:** Contact with incompatible materials. Sources of ignition. Exposure to heat.

**Incompatible Materials:** Acids. Strong oxidizers. Chlorine. Isocyanates. Acetaldehyde.

**Hazardous Decomposition Products:** Not available.

**Section 11: TOXICOLOGICAL INFORMATION**

**EFFECTS OF ACUTE EXPOSURE**

**Product Toxicity**

**Oral:** Not available.

**Dermal:** Not available.

**Inhalation:** Not available.

**Component Toxicity**

Component	CAS No.	LD <sub>50</sub> oral	LD <sub>50</sub> dermal	LC <sub>50</sub>
Isopropyl alcohol	67-63-0	3600 mg/kg (mouse)	12800 mg/kg (rabbit)	16000 ppm (rat); 8H

**Likely Routes of Exposure:** Eye contact. Skin contact. Inhalation. Ingestion.

**Target Organs:** Skin. Eyes. Gastrointestinal tract. Respiratory system. Central nervous system.

**Symptoms (including delayed and immediate effects)**

**Inhalation:** Prolonged inhalation of high amounts of vapour or mist may cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**SAFETY DATA SHEET**

**Eye:** Splashes cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

**Skin:** May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

**Ingestion:** May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

**Skin Sensitization:** Not available.

**Respiratory Sensitization:** Not available.

**Medical Conditions** Not available.

**Aggravated By Exposure:**

**EFFECTS OF CHRONIC EXPOSURE (from short and long-term exposure)**

**Target Organs:** Skin. Eyes. Gastrointestinal tract. Respiratory system. Central nervous system.

**Chronic Effects:** Prolonged or repeated contact may dry skin and cause irritation.

**Carcinogenicity:** This product **does not contain any carcinogens or potential carcinogens** as listed by ACGIH, IARC, OSHA, or NTP.

**Component Carcinogenicity**

Component	ACGIH	IARC	NTP	OSHA	Prop 65
Isopropyl alcohol	A4	Group 3	Not listed.	Not listed.	Not listed.

**Mutagenicity:** Not available.

**Reproductive Effects:** Not available.

**Developmental Effects**

**Teratogenicity:** Not available.

**Embryotoxicity:** Not available.

**Toxicologically Synergistic Materials:** Not available.

**Section 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Not available.

**Persistence / Degradability:** Not available.

**Bioaccumulation / Accumulation:** Not available.

**Mobility in Environment:** Not available.

**Other Adverse Effects:** Not available.

**Section 13: DISPOSAL CONSIDERATIONS**

**Disposal Instructions:** Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

## Section 14: TRANSPORT INFORMATION

### U.S. Department of Transportation (DOT)

**Proper Shipping Name:** NA1993, COMBUSTIBLE LIQUIDS, N.O.S. (Isopropanol),  
Combustible liquid, PG III

**Class:** Combustible liquid

**UN Number:** NA1993

**Packing Group:** III

**Label Code:**



### Canada Transportation of Dangerous Goods (TDG)

**Proper Shipping Name:** Not regulated.

**Class:** Not applicable.

**UN Number:** Not applicable.

**Packing Group:** Not applicable.

**Label Code:** Not applicable.

## Section 15: REGULATORY INFORMATION

### Chemical Inventories

#### US (TSCA)

The components of this product are in compliance with the chemical notification requirements of TSCA.

#### Canada (DSL)

The components of this product are in compliance with the chemical notification requirements of the NSN Regulations under CEPA, 1999.

### Federal Regulations

#### United States

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### SARA Title III

Component	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313	RCRA CODE	CAA 112(r) TQ (lbs.)
Isopropyl alcohol	Not listed.	Not listed.	Not listed.	313	Not listed.	Not listed.

**SAFETY DATA SHEET****State Regulations****Massachusetts**

US Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

**Component**

Isopropyl alcohol

**CAS No.**

67-63-0

**RTK List**

Listed.

**New Jersey**

US New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

**Component**

Isopropyl alcohol

**CAS No.**

67-63-0

**RTK List**

SHHS

**Note:** SHHS = Special Health Hazard Substance

**Pennsylvania**

US Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

**Component**

Isopropyl alcohol

**CAS No.**

67-63-0

**RTK List**

E

**Note:** E = Environmental Hazard

**California**

**California Prop 65:** This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**Section 16: OTHER INFORMATION****Disclaimer:**

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own particular use.

**Date of Preparation of SDS:** September 10, 2019

**Version:** 1.0

**GHS SDS Prepared by:** Deerfoot Consulting Inc.

**Phone:** (403) 720-3700