



# Isopropyl Alcohol 99%

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Isopropyl Alcohol 99%
<b>Other Means of Identification</b>	Code No. L512
<b>Recommended Use</b>	Solvent Cleaner.
<b>Restrictions on Use</b>	Use only as directed according to label instructions.
<b>Manufacturer</b>	Leysons Products, a division of 1787528 Ontario Inc., 1366 Sandhill Drive, Ancaster, Ontario, L9G 4V5, (905) 648-7832
<b>Emergency Phone No.</b>	CANUTECH, 613-996-6666, 24-hr for Emergencies involving Dangerous Goods
<b>SDS No.</b>	0268

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Flammable liquid - Category 2; Skin irritation - Category 3; Eye irritation - Category 2A; Specific target organ toxicity (single exposure) - Category 3

### Label Elements



Danger  
Highly flammable liquid and vapour.  
Causes serious eye irritation.  
Harmful if swallowed.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Isopropyl Alcohol	67-63-0	99		

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

If irritation is experienced, remove person to fresh air.  
Get medical advice or attention if you feel unwell or are concerned.

#### Skin Contact

In case of contact, immediately flush skin with plenty of water.

#### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.

Remove contact lenses, if present and easy to do.

If eye irritation persists, get medical advice or attention.

#### **Ingestion**

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again.

Immediately call a Poison Centre or doctor.

#### **Most Important Symptoms and Effects, Acute and Delayed**

Harmful if swallowed.

May cause severe eye irritation or burns.

May cause skin irritation on prolonged contact.

#### **Immediate Medical Attention and Special Treatment**

##### **Target Organs**

Eyes, skin, respiratory system.

Nervous system, digestive system.

##### **Medical Conditions Aggravated by Exposure**

Asthma, skin allergies.

## **SECTION 5. FIRE-FIGHTING MEASURES**

#### **Extinguishing Media**

##### **Suitable Extinguishing Media**

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

##### **Unsuitable Extinguishing Media**

None known.

#### **Specific Hazards Arising from the Product**

This product presents no unusual hazards in a fire situation.

#### **Special Protective Equipment and Precautions for Fire-fighters**

Wear full fire fighting equipment and respirator.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

#### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Increase ventilation to area or move leaking container to a well-ventilated and secure area.

#### **Environmental Precautions**

Do not allow into any sewer, on the ground or into any waterway.

If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

Minimize the use of water to prevent environmental contamination.

#### **Methods and Materials for Containment and Cleaning Up**

Eliminate all sources of ignition, flames or sources of electrical discharge.

Use non-sparking tools and explosion proof equipment in the case of large spills.

Use ventilation adequate to keep exposures (airborne levels of fumes / vapours) below recommended exposure limits.

Contain and/or absorb spill with commercial absorbents and then place into a suitable container for disposal.

## **SECTION 7. HANDLING AND STORAGE**

#### **Precautions for Safe Handling**

Avoid breathing in this product.

Do not get in eyes.

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Do NOT ingest.

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

Keep containers tightly sealed when not in use.

### Conditions for Safe Storage

Store in a cool dry area away from incompatible materials.

Keep out of reach of children in a tightly closed container away from food, drink and animal feed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

	ACGIH TLV®		OSHA PEL		AIHA WEEL	
Chemical Name	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Isopropyl Alcohol	200 ppm	400 ppm				

### Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of vapour) below the recommended exposure limits.

Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored.

### Individual Protection Measures

#### Eye/Face Protection

Wear eye protection if contact is not preventable.

#### Skin Protection

Wear protective gloves and clothing to prevent skin contact.

#### Respiratory Protection

Use in well ventilated areas. In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Colourless liquid.
Odour	Alcoholic
pH	Not applicable
Melting Point/Freezing Point	Not applicable (freezing)
Flash Point	12 °C (54 °F)
Upper/Lower Flammability or Explosive Limit	12.0% (Isopropyl Alcohol) (upper); 2.0% (Isopropyl Alcohol) (lower)
Vapour Pressure	Not available
Solubility	Soluble in water
Auto-ignition Temperature	425 °C (797 °F)
<b>Other Information</b>	
Physical State	Liquid
Bulk Density	~ 0.79 kg/L

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

May catch fire.

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**Conditions to Avoid**

High temperatures.  
Incompatible materials.  
Open flames, sparks, static discharge, heat and other ignition sources.

**Incompatible Materials**

Strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid), strong reducing agents (e.g. hydrides).

**Hazardous Decomposition Products**

Carbon dioxide.

**SECTION 11. TOXICOLOGICAL INFORMATION****Likely Routes of Exposure**

Inhalation.  
Skin contact.  
Skin absorption.  
Eye contact.  
Ingestion.

**Acute Toxicity**

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Isopropyl Alcohol	16000 ppm (rat) (4-hour exposure)	5045 mg/kg (rat)	5030-7900 mg/kg (rabbit)

**Skin Corrosion/Irritation**

May cause irritation or symptoms such as redness, edema, drying, defatting or cracking of the skin.

**Serious Eye Damage/Irritation**

May cause severe irritation or burns.

**STOT (Specific Target Organ Toxicity) - Single Exposure****Inhalation**

May cause irritation of the respiratory system.

**Skin Absorption**

May cause irritation on prolonged contact.

**Ingestion**

May cause burns or irritation of the digestive system including nausea or vomiting.  
Harmful if swallowed.

**Aspiration Hazard**

May be drawn into the lungs (aspirated) if swallowed or vomited.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No chronic effects are expected provided adequate person protection is taken during usage.

**Respiratory and/or Skin Sensitization**

May irritate the respiratory system.

**Carcinogenicity**

Not known to cause cancer.

**Reproductive Toxicity****Development of Offspring**

Not known to harm the unborn child.

**Sexual Function and Fertility**

Not known to cause effects on sexual function or fertility.

**Effects on or via Lactation**

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Not known to cause effects on or via lactation.

#### **Germ Cell Mutagenicity**

Not known to be a mutagen.

#### **Interactive Effects**

No information was located.

## **SECTION 12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

May cause adverse effects in the aquatic environment.

#### **Persistence and Degradability**

May cause adverse effects in the aquatic environment.

#### **Bioaccumulative Potential**

No information was located.

#### **Mobility in Soil**

No information was located.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

#### **Disposal Methods**

Dispose of contents and container in accordance with local, regional, national and international regulations.

## **SECTION 14. TRANSPORT INFORMATION**

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1219	Isopropanol (Isopropyl Alcohol)	3	II

**Special Precautions** Not applicable

#### **Transport in Bulk according to International Maritime Organization Instruments**

Not applicable

## **SECTION 15. REGULATORY INFORMATION**

#### **Safety, Health and Environmental Regulations**

##### **Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

## **SECTION 16. OTHER INFORMATION**

<b>SDS Prepared By</b>	Mark Bryans
<b>Phone No.</b>	(905) 648-7832 ext 351
<b>Date of Preparation</b>	November 23, 2021
<b>Disclaimer</b>	<p>The user of this product assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, the supplier assumes no liability whatsoever for the accuracy or completeness of the information contained herein.</p> <p>No representation of warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information or the product to which the information refers.</p>

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The data contained on this sheet apply to the products supplied to the user.

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