Isopropyl Alcohol 99%

SECTION 1. IDENTIFICATION

Product Identifier	Isopropyl Alcohol 99%
Other Means of Identification	Code No. L512
Recommended Use	Solvent Cleaner.
Restrictions on Use	Use only as directed according to label instructions.
Manufacturer	Leysons Products, a division of 1787528 Ontario Inc., 1366 Sandhill Drive, Ancaster, Ontario, L9G 4V5, (905) 648-7832
Emergency Phone No.	Mark Bryans, (905) 648-7832 ext 351, Monday to Friday, 8:00 AM to 3:30 PM CANUTECH, 613-996-6666, 24-hr for Emergencies involving Dangerous Goods
SDS No.	0412

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		

Notes

Concentrations are expressed in % weight/weight.

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 self contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Wear protective gloves and eye protection as a precaution.
Eliminate all ignition sources. Use grounded, explosion-proof equipment.
Increase ventilation to area or move leaking container to a well-ventilated and secure area.
Wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

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.
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.
Wear a NIOSH approved air- purifying respirator with an organic vapour cartridge.
Wear gloves and eye protection as a precaution.

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 a NIOSH approved air-purifying respirator with an organic vapour cartridge.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Colourless liquid.
Odour	Alcoholic
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	Not available (melting); Not applicable (freezing)
Boiling point/Initial boiling point	82 ºC
Boiling Range	Not available
Flash Point	12 ºC (54 ºF)
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	12.0% (Isopropyl Alcohol) (upper); 2.0% (Isopropyl Alcohol) (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available

Relative Density (water = 1)	Not available
Solubility	Soluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	425 ºC (797 ºF)
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

May catch fire.

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

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

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1219	Flammable Liquids, N.O.S. (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

SDS Prepared By	Mark Bryans
Phone No.	(905) 648-7832 ext 351
Date of Preparation	November 03, 2026
Disclaimer	To the best of our knowledge, the information contained herein is accurate. However, the user of this product assumes all risks and responsibilities relating to the use of this product. 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 product to which the information refers.

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