

**■ SIGNAL WORD: DANGER**

**H226** Flammable liquid and vapor.  
**H319** Causes serious eye irritation.  
**H336** May cause drowsiness or dizziness.

**SECTION 1: IDENTIFICATION**

<b>Product Name</b>	70% Isopropyl Alcohol
<b>CAS Number</b>	Mixture — Isopropyl Alcohol: 67-63-0; Water: 7732-18-5
<b>Synonyms</b>	Isopropanol 70%; IPA 70%; Rubbing Alcohol
<b>Product Use</b>	Disinfectant; antiseptic surface cleaner; general purpose solvent
<b>Supplier</b>	Cannagas Supply 97 Turnpike Rd, Westborough, MA 01581
<b>Phone</b>	877-710-1965
<b>Email</b>	Sales@canna-gas.com
<b>Emergency Phone</b>	CHEMTREC: 1-800-424-9300 (24-hour)
<b>SDS Revision Date</b>	March 2026

**SECTION 2: HAZARDS IDENTIFICATION**

<b>GHS Classification</b>	Flammable Liquids – Category 3 Eye Irritation – Category 2A STOT Single Exposure – Category 3 (CNS)
<b>Signal Word</b>	<b>DANGER</b>
<b>Hazard Statements</b>	H226: Flammable liquid and vapor. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.
<b>Precautionary – Prevention</b>	P210: Keep away from heat, sparks, open flames. No smoking. P233: Keep container tightly closed. P261: Avoid breathing vapors. P264: Wash hands thoroughly after handling. P271: Use in well-ventilated area. P280: Wear PPE.
<b>Precautionary – Response</b>	P303+361+353: IF ON SKIN: Remove clothing immediately. Rinse with water. P304+340: IF INHALED: Remove to fresh air; rest in comfortable position. P305+351+338: IF IN EYES: Rinse with water for several minutes. Remove contact lenses. Continue rinsing. P337+313: If eye irritation persists, seek medical advice.
<b>Precautionary – Storage</b>	P403+235: Store in a well-ventilated place. Keep cool.
<b>Precautionary – Disposal</b>	P501: Dispose of contents/container per local/regional/national regulations.
<b>HMIS® Ratings</b>	Health: 2   Flammability: 3   Physical Hazard: 0

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

Chemical Name	CAS Number	Concentration	EC Number
Isopropyl Alcohol (2-Propanol)	67-63-0	~70% (w/w)	200-661-7
Water	7732-18-5	~30% (w/w)	231-791-2

Aqueous solution of isopropyl alcohol. Concentrations may vary slightly by lot.

**SECTION 4: FIRST-AID MEASURES**

<b>Inhalation</b>	Remove person to fresh air. Keep at rest. Seek medical attention if symptoms persist.
<b>Skin Contact</b>	Wash thoroughly with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.
<b>Eye Contact</b>	Flush eyes with water for at least 15 minutes. Remove contact lenses if present. Continue rinsing. Seek medical attention if irritation persists.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Seek medical attention.
<b>Key Symptoms</b>	Eye irritation, drowsiness, dizziness at high vapor concentrations.
<b>Medical Note</b>	Treat symptomatically. Inform medical personnel of substance involved.

### SECTION 5: FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Alcohol-resistant foam, dry chemical, CO <sub>2</sub> , water fog.
<b>Unsuitable Extinguishing Media</b>	Do not use direct water jet on liquid — this will spread the fire.
<b>Specific Hazards</b>	Flammable liquid and vapor. Vapors may form explosive mixtures with air. Combustion produces carbon oxides.
<b>Protective Equipment</b>	Self-contained breathing apparatus (SCBA) and full protective clothing required.
<b>Additional Guidance</b>	Move containers from fire area if safe. Do not extinguish gas fires unless flow can be stopped safely.
<b>Flash Point</b>	~77°F (25°C) – Closed Cup (varies with water content)
<b>Auto-Ignition Temperature</b>	750°F (399°C)
<b>Flammable Limits (LEL/UEL)</b>	2.0% / 12.7% in air

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Keep unnecessary personnel away. Eliminate all ignition sources. Wear appropriate PPE. Ventilate enclosed spaces before entry. Stay upwind.
<b>Environmental Precautions</b>	Avoid discharge into drains, waterways, or onto the ground. Notify authorities if spill cannot be contained.
<b>Small Spills</b>	Stop flow if possible. Ventilate area. Remove ignition sources.
<b>Large Spills</b>	Evacuate area. Stop flow if possible. Contact emergency services. Ventilate thoroughly. Remove all ignition sources.
<b>Important</b>	Never return spills to original containers. Use non-sparking tools. Take precautions against static discharge.

### SECTION 7: HANDLING AND STORAGE

<b>Safe Handling</b>	Keep away from heat, sparks, open flames, and ignition sources. Use explosion-proof equipment. Ground and bond containers during transfer. Do not smoke. Observe good industrial hygiene.
<b>Safe Storage</b>	Store in a cool, dry, well-ventilated place away from sunlight and heat. Keep containers tightly closed. Store away from incompatible materials. Follow applicable pressure vessel regulations.
<b>Incompatibles</b>	Strong oxidizing agents, strong acids, halogens.

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Agency	Type	Value
OSHA (29 CFR 1910.1000)	PEL TWA	400 ppm / 980 mg/m <sup>3</sup>
ACGIH TLV	TWA	200 ppm

ACGIH TLV	STEL	400 ppm
NIOSH	TWA	400 ppm / 980 mg/m <sup>3</sup>

<b>Engineering Controls</b>	Explosion-proof general and local exhaust ventilation. Provide eyewash station and safety shower. Use gas detectors for flammable gases where appropriate.
<b>Eye/Face Protection</b>	Chemical splash goggles; face shield where splash or pressurized release risk exists.
<b>Hand Protection</b>	Nitrile, butyl rubber, or neoprene gloves recommended.
<b>Body Protection</b>	Chemical-resistant clothing. Cryogenic-rated clothing where liquid contact with liquefied gases is possible.
<b>Respiratory Protection</b>	If engineering controls are insufficient, wear approved air-purifying respirator. SCBA required in confined spaces or oxygen-deficient atmospheres.
<b>Hygiene</b>	Do not eat, drink, or smoke when handling. Wash hands thoroughly after use.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Liquid	<b>LEL / UEL</b>	2.0% / 12.7%
<b>Color</b>	Clear, colorless	<b>Vapor Pressure</b>	~34 hPa at 68°F (20°C)
<b>Odor</b>	Characteristic alcohol odor	<b>Vapor Density</b>	>1 (air = 1)
<b>Boiling Point</b>	~180°F (82°C) (varies with water)	<b>Specific Gravity</b>	~0.888 g/mL at 77°F (25°C)
<b>Flash Point</b>	~77°F (25°C) Closed Cup	<b>Solubility in Water</b>	Completely miscible
<b>Evaporation Rate</b>	Slower than 99% IPA due to water content	<b>Auto-ignition Temp.</b>	750°F (399°C)
<b>Flammability</b>	Flammable liquid and vapor	<b>pH</b>	~6.0–7.5 (aqueous solution)

**SECTION 10: STABILITY AND REACTIVITY**

<b>Reactivity</b>	Stable under normal conditions.
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Conditions to Avoid</b>	Heat, open flames, sparks, static discharge, temperatures exceeding flash point.
<b>Incompatible Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomp. Products</b>	Carbon monoxide, carbon dioxide, and uncombusted hydrocarbons under fire conditions.

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>Routes of Exposure</b>	Inhalation, skin contact, eye contact.
<b>Acute Toxicity</b>	Low acute toxicity by standard routes. High concentrations cause central nervous system depression and asphyxiation.
<b>Skin/Eye Effects</b>	Liquid/cryogenic contact causes frostbite. Vapor may cause mild irritation at high concentrations.
<b>Carcinogenicity</b>	Not listed as a carcinogen by IARC, NTP, or OSHA.
<b>Chronic Effects</b>	No significant chronic effects expected at normal industrial exposure levels.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Not classified as environmentally hazardous under GHS criteria.
<b>Persistence/Degradability</b>	Expected to be readily biodegradable. Volatilizes rapidly from water surface.
<b>Bioaccumulative Potential</b>	Low bioaccumulation potential.

<b>Mobility in Soil</b>	Very high mobility — highly volatile, low soil adsorption.
<b>Other Adverse Effects</b>	Displaces oxygen in confined spaces. No significant ozone depletion potential.
<b>SECTION 13: DISPOSAL CONSIDERATIONS</b>	
<b>Disposal Methods</b>	Dispose via licensed waste contractor. Do not discharge to drains, sewers, or waterways. Incinerate in approved facility with flue gas scrubbing. Do not puncture or incinerate sealed containers.
<b>Contaminated Packaging</b>	Empty containers may retain product residue. Follow label warnings even after emptying. Take to approved waste handling site.
<b>Waste Code</b>	Determine with user, producer, and licensed waste disposal company per 40 CFR 261.

<b>SECTION 14: TRANSPORT INFORMATION</b>			
	<b>DOT (USA)</b>	<b>IATA (Air)</b>	<b>IMDG (Sea)</b>
UN Number	UN1219	UN1219	UN1219
Proper Ship. Name	Isopropanol	Isopropanol	ISOPROPANOL
Hazard Class	3	3	3
Packing Group	II	II	II
Marine Pollutant	No	N/A	No

<b>SECTION 15: REGULATORY INFORMATION</b>	
<b>OSHA HazCom</b>	Classified as a Hazardous Chemical per 29 CFR 1910.1200.
<b>SARA 311/312</b>	Yes — Flammable liquid; Serious eye damage/irritation.
<b>SARA 313 (TRI)</b>	Not regulated.
<b>TSCA</b>	Listed on TSCA Inventory (active).
<b>California Prop. 65</b>	Not known to contain listed carcinogens or reproductive toxins at reportable levels.
<b>State RTK</b>	Listed in applicable Massachusetts, New Jersey, Pennsylvania, and Rhode Island Right-to-Know substance lists.
<b>International</b>	Listed on TSCA (USA), AICS (Australia), DSL (Canada), NZIoC (New Zealand), PICCS (Philippines).

<b>SECTION 16: OTHER INFORMATION</b>	
<b>Issue Date</b>	March 2026
<b>Revision Date</b>	March 2026
<b>Version</b>	1.0
<b>Prepared By</b>	Cannagas Supply
<b>Key Sources</b>	GHS Purple Book (Rev. 9); OSHA HazCom 2012; ACGIH TLVs; NIOSH Pocket Guide; industry SDS references for IPA aqueous solutions.
<b>H-Phrase Text</b>	H226: Flammable liquid and vapor. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.

**DISCLAIMER:** The information in this Safety Data Sheet is believed to be accurate and represents the best information currently available to Cannagas Supply. This SDS is provided in good faith without warranty of any kind. Users are responsible for determining the suitability of this product for their specific application and for compliance with all applicable laws and regulations. This document is not a specification sheet.