

■ SIGNAL WORD: DANGER

H225 Highly flammable liquid and vapor.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

SECTION 1: IDENTIFICATION

Product Name	99% Isopropyl Alcohol
CAS Number	67-63-0
Synonyms	2-Propanol; IPA; Isopropanol; sec-Propyl Alcohol; Dimethylcarbinol
Product Use	General purpose solvent; cleaning agent; disinfectant; industrial solvent
Supplier	Cannagas Supply 97 Turnpike Rd, Westborough, MA 01581
Phone	877-710-1965
Email	Sales@canna-gas.com
Emergency Phone	CHEMTREC: 1-800-424-9300 (24-hour)
SDS Revision Date	March 2026

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification	Flammable Liquids – Category 2 Eye Irritation – Category 2A STOT Single Exposure – Category 3 (CNS)
Signal Word	DANGER
Hazard Statements	H225: Highly flammable liquid and vapor. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.
Precautionary – Prevention	P210: Keep away from heat, sparks, open flames. No smoking. P233: Keep container tightly closed. P240: Ground/bond container and receiving equipment. P241: Use explosion-proof equipment. P261: Avoid breathing vapors. P264: Wash hands thoroughly after handling. P271: Use only outdoors or in well-ventilated area. P280: Wear PPE.
Precautionary – Response	P303+361+353: IF ON SKIN (or hair): Remove clothing immediately. Rinse with water. P304+340: IF INHALED: Remove to fresh air; keep at rest in comfortable position. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses. Continue rinsing. P337+313: If eye irritation persists, seek medical advice.
Precautionary – Storage	P403+235: Store in a well-ventilated place. Keep cool.
Precautionary – Disposal	P501: Dispose of contents/container per local/regional/national regulations.
HMIS® Ratings	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	~99% (w/w)	200-661-7

Remainder may include water (~1%). CAS 67-63-0. EINECS: 200-661-7.

SECTION 4: FIRST-AID MEASURES

Inhalation	Remove person to fresh air. Keep at rest. If breathing is irregular or stopped, give artificial respiration. Seek medical attention if symptoms persist.
Skin Contact	Remove contaminated clothing immediately. Wash thoroughly with soap and water. Seek medical attention if irritation persists.
Eye Contact	Flush eyes immediately with water for at least 15 minutes. Remove contact lenses if present. Continue rinsing. Seek medical attention if irritation persists.
Ingestion	Rinse mouth with water. Do NOT induce vomiting. Seek medical attention. Never give anything by mouth to an unconscious person.
Key Symptoms	Dizziness, drowsiness, headache (inhalation). Serious eye irritation — stinging, tearing, redness.
Medical Note	Treat symptomatically. Inform medical personnel of substance involved.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Alcohol-resistant foam, dry chemical powder, carbon dioxide (CO ₂), water fog.
Unsuitable Extinguishing Media	Do not use direct water jet on liquid — this will spread the fire.
Specific Hazards	Highly flammable liquid and vapor. Vapors form explosive mixtures with air. Vapors may travel to distant ignition sources and flash back. Combustion produces carbon oxides.
Protective Equipment	Self-contained breathing apparatus (SCBA) and full protective clothing required.
Additional Guidance	Move containers from fire area if safe. Do not extinguish gas fires unless flow can be stopped safely.
Flash Point	53°F (11.7°C) – Closed Cup
Auto-Ignition Temperature	750°F (399°C)
Flammable Limits (LEL/UEL)	2.0% / 12.7% in air

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

SECTION 7: HANDLING AND STORAGE

Safe Handling	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.
Safe Storage	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.
Incompatibles	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 ³
OSHA	STEL	500 ppm
ACGIH TLV	TWA	200 ppm
ACGIH TLV	STEL	400 ppm
NIOSH	TWA	400 ppm / 980 mg/m ³
NIOSH	STEL	500 ppm / 1,225 mg/m ³

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	LEL / UEL	2.0% / 12.7%
Color	Clear, colorless	Vapor Pressure	44 hPa at 68°F (20°C)
Odor	Characteristic alcohol odor	Vapor Density	2.1 (air = 1)
Boiling Point	180.5°F (82.5°C)	Specific Gravity	0.786 g/mL at 77°F (25°C)
Flash Point	53°F (11.7°C) Closed Cup	Solubility in Water	Completely miscible
Evaporation Rate	Faster than butyl acetate	Auto-ignition Temp.	750°F (399°C)
Flammability	Highly flammable liquid and vapor	Molecular Formula	C ₃ H ₈ O / 60.10 g/mol

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

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

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not classified as environmentally hazardous under GHS criteria.
Persistence/Degradability	Expected to be readily biodegradable. Volatilizes rapidly from water surface.
Bioaccumulative Potential	Low bioaccumulation potential.
Mobility in Soil	Very high mobility — highly volatile, low soil adsorption.
Other Adverse Effects	Displaces oxygen in confined spaces. No significant ozone depletion potential.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods	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.
Contaminated Packaging	Empty containers may retain product residue. Follow label warnings even after emptying. Take to approved waste handling site.
Waste Code	Determine with user, producer, and licensed waste disposal company per 40 CFR 261.

SECTION 14: TRANSPORT INFORMATION

	DOT (USA)	IATA (Air)	IMDG (Sea)
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

SECTION 15: REGULATORY INFORMATION

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

SECTION 16: OTHER INFORMATION

Issue Date	March 2026
Revision Date	March 2026
Version	1.0
Prepared By	Cannagas Supply
Key Sources	GHS Purple Book (Rev. 9); OSHA HazCom 2012; ACGIH TLVs; NIOSH Pocket Guide; Univar Solutions SDS (Isopropanol 99%, 2022).

H-Phrase Text

H225: Highly 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.