

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: Alco 70 Sanitizer

Product Code: WW-C-1078-0-04

Date of Safety Data Sheet: 17 June, 2026

Use of Preparation: Sanitizer

Company Identification: Chemsyn
485 Millway Avenue, Unit 2
Concord, ON L4K 3V4 Canada
T: 1-833-888-CHEM (2436)
chemsyn.com

CANUTEC Emergency Number: 1-833-888-2436, Mon to Fri, 9:00 a.m. to 5:00 p.m.

2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA/ WHMIS 2015 Hazards:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1920.1200)

Classification of substances or mixture GHS-US/ Canadian classification:

Serious Eye Damage / Eye Irritation (category 2)

Flammable Liquids (category 2)

STOT (category 3)

Label Elements GHS-US Labeling Hazard Pictograms (GHS):



Signal Word (GHS): Danger!

Hazard Statements (GHS):

Flammable liquid and vapor.

Causes serious eye irritation.

May cause drowsiness and dizziness.

Precautionary Statements (GHS):

Keep away from heat, sparks, open flames, and hot surfaces. Use non sparking tools. Keep container tightly closed. Avoid breathing vapour. Use only outdoors or in well ventilated areas. Keep out of reach of children. Wear protective gloves and face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Propan-2-ol	67-63-0	40-60	Flammable Liquids (category 2) Eye irritation (Category 2B) Specific target organ toxicity- single exposure (category 3)

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult physician. May cause drowsiness if insufficient ventilation.
Eye Contact:	Remove contacts. Flush with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
Ingestion:	DO NOT induce vomiting. If vomiting does occur, have victim lean forward to prevent aspiration. Rinse mouth with water. Seek medical attention. Never give anything by mouth to an unconscious individual.
Notes to Physician:	Treatment based on judgment of attending physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Any standard extinguishing media (alcohol foam, water spray or fog, CO2 dry chemical, etc.).
Unsuitable extinguishing media:	Water jet.
Special exposure hazards:	None known.
Special safety equipment:	Self-contained positive pressure breathing apparatus and protective clothing.
Fire and explosion	
Further information	None



6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Use with adequate ventilation. Avoid breathing vapours.

Information about fire and explosion protection:

Keep respiratory protective device available.

No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility:

Store away from oxidizing agents.

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

Specific end use(s) No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Use local exhaust or dilution ventilation.
Hand protection:	Chemical resistant gloves.
Eye protection:	Safety goggles or full face shield.
Skin protection:	Use body-covering impervious clothing.
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.
Exposure guidelines:	Propan-2-ol ACGIH TLV TWA 200 ppm 8 hours STEL 400 ppm 15 minutes OSHA TWA 400 ppm 8 hours STEL 500 ppm 15 minutes

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Clear liquid	Odour	Typical, alcohol like
Appearance		Odour Threshold	No data available
Colour	Clear to amber		
Property	Values	Remarks/Method	
pH	7-8		
Melting/Freezing Point			
Boiling Point/Range	82.22 C 180 F		
Flash Point	12.22°C 54 F(TCC)		
Flammability (solid, gas)	Liquid		
Flammability Limit in Air:			
Upper Limit	2 % (V)		
Lower Limit	12.7 %(V)		
Vapour Pressure	No data available		
Vapour density	No data available		
Specific Gravity	0.77-0.80		
Water Solubility	Negligible.		
Solubility Other Solvents	Soluble.		
Partition Coefficient:	No data available		
n-octanol/water	No data available		
Autoignition temperature	No data available		
Decomposition	No data available		
Temperature			
Kinematic Viscosity	No data available		
Dynamic Viscosity	No data available		
Explosive Properties	No data available		
Oxidizing Properties	No data available		

Other Properties:

Softening Point	No data available
VOC Content %	No data available
Particle Size	liquid
Particle Size Distribution	Not applicable

10. STABILITY AND REACTIVITY

Reactivity	Stable at normal conditions of use.
Chemical stability	Stable at normal conditions of use.
Thermal decomposition/conditions to avoid:	
Possibility of hazardous reactions	None known.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.
Hazardous decomposition products	
Materials to avoid	Oxidizing agents.
Hazardous polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification

Propan-2-ol:

LD 50 oral rat > 1,800mg/kg.

LD 50 Dermal rabbit > 5,000 mg/kg.

On the eye: irritation.

Sensitization: Not a sensitizer

Additional toxicological information:

12. ECOLOGICAL INFORMATION

Toxicity:	No significant effects or critical hazards
Persistence and Degradability:	No significant effects or critical hazards
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available.
Other Adverse Effects	No significant effects or critical hazards



Other Information: Avoid release to the environment.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

Other: Non refillable container. DO NOT reuse or refill container.
Triple rinse container promptly after emptying. Then offer for recycling if available, or puncture and dispose of in sanitary landfill, or by other procedures approved by state and local authorities.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT):

Proper shipping name: Flammable liquid N.O.S (contains isopropyl alcohol)
Class 3 UN 1993 Packing group II
Limited quantity for 1 litre or less.

Canada Department of Transportation (TDG):

Proper shipping name: Flammable liquid N.O.S (contains isopropyl alcohol)
Class 3 UN 1993 Packing group II
Limited quantity for 1 litre or less.

15. REGULATION

Occupational Health & Safety Regulations:

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

Environmental Regulatory Lists:

SARA: Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – None of the ingredients are listed.

Toxic Substances Control Act (TSCA): All the ingredients are listed on the Chemical Substance Inventory

Canadian Non-Domestic Substance List (NDSL): All ingredients are listed.

California Prop. 65

The following components of this product are substances, or belong to classes of substances, known to the state of California to cause cancer and/or reproductive toxicity: **none**



SARA Section 311/312 Hazard Classes Immediate (acute) Health Hazard. Fire Hazard. Delayed (chronic) Health Hazard

16. OTHER INFORMATION

HMIS III Rating

Health: 2

Flammability: 3

Physical: 0

Personal Protection: B

SDS US (GHS HazCom 2012 and WHMIS 2015)

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.