



1. IDENTIFICATION	
Safety Data Sheet	Eco-Med Hand Sanitizer
Supplied By	Eco-Med Pharmaceutical Inc.
Manufactured By	ECO-MED PHARMACEUTICAL INC. 151 CARLINGVIEW DRIVE, UNIT 14 ETOBICOKE, ON, CANADA M9W 5S4
Emergency Phone #	(905) 405-1050
Transportation Emergencies	Chemtrec: 1-800-424-9300

2. HAZARDOUS IDENTIFICATION					
Ingredients	%	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl Alcohol	70	67-63-0	4.4g/kg (Rat)	12.9 g/kg (Rabbit)	16000 (Rat, 8h)
Physical hazards Health hazards Environmental Hazards OSHA defined hazards Label elements	Flammable Liquids Skin corrosion/irritation Serious eye damage/eye irritation Specific target organ toxicity, single exposure Specific target organ toxicity, single exposure Not classified Not classified		Category 3 Category 2 Category 2A Category 3 Respiratory Tract Irritation Category 3 narcotic effects - - -		
Signal word	Warning Appearance: Clear, Colourless Physical State: Liquid-Gel <div style="display: flex; justify-content: center; gap: 20px;">   </div>				
Hazard statement	Flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.				
Precautionary Statement					

Prevention	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.
Response	If on skin (or hair): Wash contaminated clothing before reuse. In case of fire: Use dry chemical, carbon dioxide (CO2), foam, or water spray to extinguish.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations
Hazard(s) not otherwise classified (HNOC)	Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.
Supplemental Information	None.

3. COMPOSITION / INFORMATION INGREDIENTS

Ingredients	CAS #	Weight %
Water	7732-18-5	-
Triethanolamine	102-71-6	-
Carbopol 990	9003-01-4	-
Glycerin	56-81-5	-
Aloe Vera	85507-69-3	-
Vitamin E	7695-91-2	-

4. FIRST AID MEASURES

Skin Contact	n/a
Eye Contact	flush with water for 15 minutes while holding eyelids open. seek medical attention if irritation still exists.
Inhalation	n/a
Ingestion	Do not induce vomiting. seek medical attention.

5. FIRE AND EXPLOSION HAZARD DATA	
Flammability Classification	Flammable
Specific hazards arising from chemical	Alcohol flames may not be readily visible. Vapors are heavier than air and may travel to source of ignition and flash back
Extinguish With	Dry chemical, carbon dioxide (CO ₂), foam, or water spray.
Hazardous Combustion Products	Oxides of carbon.
Protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand. Keep containers cool with water spray.

6. ACCIDENTAL RELEASE	
Personal Precautionary Measures	Ensure adequate ventilation. Use personal protective equipment as required. Eliminate all potential sources of ignition. Take precautionary measures against static discharges.
Environmental Precautions	Prevent entry into surface water or sanitary sewers. See Section 12 for additional ecological information
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning up	Eliminate all potential sources of ignition, and ventilate area. Absorb and containerize. Do not flush into surface water or sanitary sewer system.

7. HANDLING & STORAGE	
Handling Procedures & Equipment	Handle in accordance with good industrial hygiene and safety practice. Keep away from heat, sparks, and flames. Do not eat, drink, or smoke when using this product.
Storage Requirements	Store in accordance all applicable regulations and fire codes. Keep containers tightly closed in a cool, well-ventilated place away from heat, sparks, open flames, and hot surfaces.
Incompatible Products	Oxidizing agents.

8. EXPOSURE CONTROLS			
Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl Alcohol CAS: 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400ppm TWA: 980 mg/m ³	TWO: 400 ppm TWA: 980 mg/m ³ STEL: 500ppm STEL: 1225 mg/m ³
Engineering Controls	Showers Eyewash stations Ventilation systems		
Respiratory Controls	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.		
Skin and Body Protection	No special protective equipment required.		
Eye and Face Protection	None required for consumer use. If splashes are likely to occur, wear safety glasses.		

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

9. PHYSICAL DATA			
Physical State	liquid	Vapour Pressure	30mm Hg 20°C
Density/Specific Gravity (g/cm ³)	1.01	Vapour Density	n/a
Boiling Point (°F)	180	Percent Volatile by Volume	n/a
Flash Point (°F)	65	Evaporation Rate	<1
pH	6.50-7.50	Solubility in Water (20°C)	good
Odour & Appearance	Clear viscous gel. Alcohol Odor.		
Odour Threshold	n/a		

10. STABILITY & REACTIVITY DATA	
Chemical Stability	Stable under recommended storage conditions.
Incompatible Materials	Strong oxidizers.
Hazardous Reaction	Vapors may form reactive mixture with air.
Hazardous Decomposition	Carbon monoxide, carbon dioxide.
Conditions to avoid	Keep away from heat, sparks, open flames, and hot surfaces.

11. TOXICOLOGICAL INFORMATION	
ROUTE OF ENTRY	SYMPTOMS
Skin Contact	n/a
Skin Absorption	n/a
Eye Contact	May cause redness to eye and slight irritation.
Inhalation Acute	Inhalation of high concentrations of vapor or mist may cause dizziness.
Inhalation Chronic	Inhalation of high concentrations of vapor or mist may cause dizziness.
Ingestion	Do not ingest. May cause irritation.
Effects of Chronic Exposure to Product	n/a
Irritancy of Product	n/a
Exposure Limits of Product	See Section 2. Hazardous Identification.
Sunsilization to Product	n/a
Synergistic Materials	n/a

12. ECOLOGICAL INFORMATION	
Biodegradability	Not Determined
Bioaccumulation	Isopropyl Alcohol Partition Coefficient: 0.05

13. DISPOSABLE CONSIDERATION	
Engineering Controls	n/a
Waste Disposal	Dispose of in accordance to local, provincial and federal regulations. Do not reuse empty containers.

14. TRANSPORT INFORMATION	
DOT	UN/ID/NA number : UN 1219 Proper shipping name : ISOPROPANOL

	<p>Class : 3</p> <p>Packing group : III</p> <p>Labels : FLAMMABLE LIQUID</p> <p>Limited Quantities for packages not over 1 Liter</p> <p>Exempt DOT-SP 9275 for packages under 1 gallon.</p>
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15. REGULATORY INFORMATION
California Prop 65: Exempt.

16. PREPARATION INFORMATION	
Data Supplied By	ECO-MED PHARMACEUTICAL INC. 151 CARLINGVIEW DRIVE, UNIT 14 ETOBICOKE, ON, CANADA M9W 5S4
Date	MARCH 30, 2020
General Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.