



GOJO INDUSTRIES

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CHEMTREC (PUBLIC EMERGENCY): 1-800-424-9300 (24 hours)

PHONE: (330) 255-6000 or 1-800-321-9647 Ext 8808 for MSDS Requests

HMIS RATING	
Health	<u>1</u>
Flammability	<u>3</u>
Reactivity	<u>0</u>
Personal Protection	<u>NA</u>

1. PRODUCT: **PURELL® HAND SANITIZER**

2. HAZARDOUS (OR OTHER) INGREDIENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	% RANGE
Ethanol	64-17-5	1,000 ppm	1,000 ppm	62
Isopropanol	67-63-0	400 ppm	400 ppm	<10
Glycerin as mist	56-81-5	TWA: 15 mg/m ³	TWA: 10 mg/m ³	<3

3. HEALTH HAZARD DATA: *THIS SKIN CARE COSMETIC IS NOT HAZARDOUS OR TOXIC UNDER NORMAL USE CONDITIONS.*

ROUTES OF ENTRY: Inhalation Skin Eye Ingestion

CARCINOGENICITY: Not Listed NTP IARC OSHA ACGIH

OVEREXPOSURE: Medical Conditions Aggravated: **None known** Potential Effects: **May cause eye irritation**

4. EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Flush immediately and thoroughly with water for 15 minutes. If condition worsens or irritation persists, contact a physician. **INGESTION:** DO NOT INDUCE VOMITING. If vomiting occurs, lower the person's head below their knees to avoid aspiration. Contact physician or poison control centre.

5. FIRE FIGHTING OR EXPLOSION DATA:	Flash Point, °F/°C: 74/23 (PMCC Method)	Flammability LEL, % Limits: UEL, %	3.3 19
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EXTINGUISHING MEDIA: Water Fog Alcohol Foam CO₂ Dry Chemical Other

Unusual Fire and Explosion Hazards: **None known** NFPA 704 Rating: 0 2 0 NA

Special Fire Fighting Procedures: **None known**

6. ACCIDENTAL RELEASE MEASURES: *NOT REPORTABLE UNDER CERCLA OR SARA TITLE III SECTION 304.*

IF MATERIAL IS RELEASED OR SPILLED: **Pick up large spills or absorb on inert material. Collect in sealed approved container for disposal. Flush area with water to clean up small amounts and reduce possible slippery floor hazard.**

7. PRECAUTIONS FOR SAFE HANDLING AND USE: *STORE AWAY FROM THE REACH OF SMALL CHILDREN.*

PERSONAL PRECAUTIONS: **Avoid contact with the eyes. Do not take internally. Keep away from fire or flame.**

STORAGE AND OTHER PRECAUTIONS: **Store at ambient indoor conditions. Keep containers sealed.**

8. CONTROL AND PROTECTION MEASURES: *COMPLY IF APPLICABLE EXPOSURE LIMITS SHOWN IN SECTION 2 ABOVE.*

TLV (ACGIH): **Not Applicable** PEL (OSHA): **NA** TWA: **None** STEL: **None** Skin Note: **NA**

VENTILATION: Mechanical: **Not required if used as directed** Local: **Not Required** Special: **Not Required**

PERSONAL PROTECTION: Respiratory: **Not required if used as directed** Eyes: **Not Required** Skin: **Not Required**

Protective Equipment or Clothing: **Not Required** Work/Hygienic Practice: **Routine personal hygiene**

PURELL® HAND SANITIZER**9. PHYSICAL AND CHEMICAL CHARACTERISTICS**

Boiling Point, °F/°C:	176/80	Melting Point, °F/°C:	ND
Vapor Pressure (mm Hg):	40	Specific Gravity (H ₂ O =1):	0.90
Vapor Density (Air =1):	1.6	Evaporation Rate (H ₂ O =1):	>1
Volatility, %	100 (70 VOC)	pH (undiluted):	7.0 - 8.25
Solubility in Water:	Complete	Viscosity, cps:	7,000 - 19,000
Color/Clarity/Form & Odor:	Clear liquid, citrus fragrance		

10. STABILITY AND REACTIVITY DATA

Stability:	Stable	Hazardous Polymerization:	None known	Conditions to Avoid:	None known
Incompatibility (Avoid):	None known	Decomposition or By-Products:	Combustion may produce CO, CO₂, NO_x		

11. TOXICOLOGICAL INFORMATION: NO ACUTE TOXIC EFFECTS EXPECTED BY INHALATION, INGESTION, OR CONTACT DURING ANTICIPATED HANDLING AND USAGE. NO LONG TERM CHRONIC EFFECTS.
ALSO SEE SECTION 3

Irritant:	Not a primary irritant	Sensitization:	None known	Synergism:	None known
Skin LD ₅₀ :	NA	Oral LD ₅₀ :	ND	Inhalation LC ₅₀ :	NA

12. ECOLOGICAL INFORMATION: NOT EXPECTED TO CAUSE ADVERSE ENVIRONMENTAL EFFECTS. NOT CONSIDERED ENVIRONMENTALLY HARMFUL FROM NORMAL DILUTION, EXPECTED USAGE AND TYPICAL DRAINAGE TO SEWERS, SEPTIC SYSTEMS, AND TREATMENT PLANTS.

POTENTIAL: Biodegradation:	ND	Oxygen Depletion:	ND	Bioconcentration:	ND
AFFECTS: Aquatic Organisms:	ND	Waste Plant Microbes:	ND	BOD:	NE
				COD:	NE

13. DISPOSAL GUIDELINES: DISPOSE ACCORDING TO LOCAL, STATE/PROVINCE, FEDERAL & INTERNATIONAL REGULATIONS. CHARACTERISTIC HAZARDOUS WASTE-FLAMMABLE LIQUID USEPA & RCRA (40CFR PART 261).

14. TRANSPORT REGULATIONS: HAZARDOUS BY DOT, HM-181, TDG, IATA, & IMO REGULATIONS.

When transported by Ground and Rail, this product typically is shipped as Consumer Commodity ORM-D. When transported by air, this product is typically shipped as Consumer Commodity or Alcohols N.O.S. depending on package size. When transported by ocean, this product is typically shipped as Limited Quantities. Refer to current regulations for exact requirements.

15. REGULATORY CONSIDERATIONS: NOT REGULATED BY WHMIS, TSCA, SARA, OR STATES.

COSMETICS & INGREDIENTS ARE NOT CONSIDERED HAZARDOUS OR REPORTABLE BY ANY FEDERAL (TSCA, OSHA, WHMIS, SARA, CERCLA, EPCRA, RCRA), ANY STATE, OR ANY OTHER RIGHT-TO-KNOW-REGULATIONS. TSCA, OSHA STANDARDS, SARA TITLE III, AND STATE RIGHT-TO-KNOW LAWS MAKE EXCEPTIONS, EXCLUSIONS AND EXEMPTIONS FOR COSMETIC PRODUCTS THAT ARE REGULATED BY AND LABELED ACCORDING TO THE FOOD AND DRUG ADMINISTRATION (FDA).

TSCA, DSL, EINECS: **Components of the product are listed, exempted or excluded from these requirements.**

SARA TITLE III: Sec. 302 EHS, TPQ: **NA** Sec. 304 EHS, RQ: **NA** Sec. 311/312: **NA** Sec. 313: **None**

USA STATE REGULATIONS: Reportable substances present at notification quantities: **Ethanol solution**

INTERNATIONAL HAZARD CLASS: Canada (WHMIS or TDG): **Not a Controlled Product** EEC: **Not Regulated**

16. OTHER RELEVANT INFORMATION: NO DATA AVAILABLE UNLESS SPECIFICALLY INDICATED BELOW.

DATE: 11 October, 2000 SUPERSEDES: 8 March 2000

NOTICE: THE INFORMATION HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE AS OF THE DATE OF PREPARATION OF THIS MATERIAL SAFETY DATA SHEET. HOWEVER, NO WARRANTY OR REPRESENTATION, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE FOREGOING DATA AND SAFETY INFORMATION. THE USER ASSUMES ALL LIABILITY FOR ANY DAMAGE OR INJURY RESULTING FROM ABNORMAL USE FROM ANY FAILURE TO ADHERE TO RECOMMENDED PRACTICES OR FROM ANY HAZARDS INHERENT IN THE NATURE OF THE PRODUCT.

NA=NOT APPLICABLE, ND=NO DATA, NE=NOT ESTABLISHED. FORM COMPLIES WITH OSHA FORM 174, EEC, & DRAFT ANSI FORMATS.