

Material Safety Data Sheet
May be used to comply with OSHA's
Hazard Communication Standard.
29 CFR 1910, 1200, Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-mandatory Form)
Form Approved
OMB No. 1218-0072

Purell Instant Hand Sanitizer

Section 1 – Ingredients

Active Ingredients	CAS Number	OSHA PEL	ACGIH TLV	% Range
Ethanol	64-17-5	1000 PPM	1000 PPM	62
Isopropanol	67-63-0	400 PPM	400 PPM	<10
Purified Water	7732-18-5	N/A	N/A	<30
Propylene Glycol	57-55-6	N/A	N/A	<1
Isopropyl Myristate	110-27-0	N/A	N/A	<1

OSHA STANDARDS AND SARA
TITLE III DO NOT APPLY TO THIS
COSMETIC PRODUCT. COSMETICS
AND UNLISTED INGREDIENTS ARE
NOT CONSIDERED HAZARDOUS
OR REPORTABLE BY ANY
FEDERAL (OSHA, WHMIS, SARA,
EPCRA, RCRA), ANY STATE OR
ANY OTHER REGULATIONS.

Section 2 – Physical/Chemical Characteristics

Boiling Point	176° F	Vapor Density	1.6	Specific Gravity	N/A	Evaporation Rate	0.90
Vapor Pressure	40	Solubility in Water	Complete	Melting Point	N/A	PH	7.5-8.5
Appearance and Odor	Clear liquid, citrus fragrance						

Section 3 – Fire and Explosion Data

Flash Point	74°F/23°C	LEL	3.3	UEL	19
Extinguishing Media	Water fog, alcohol foam, co2, dry chemical				
Special Fire Fighting Procedures	None known				
Unusual Fire and Explosion Hazards	None known				
If material is spilled or released	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.				
Precautions for safe handling and use	Store away from the reach of small children.				
Personal Precautions	Avoid contact with eyes. Do not take internally.				
Storage and Other precautions	Store at ambient indoor conditions. Keep containers sealed.				

Section 4 – Control and Protection Measures

TLV	N/A	PEL	N/A	TWA	None	STEL	None
Ventilation	N/A	Local	N/A	Special	N/A		
Personal Protection	N/A	Respiratory	N/A	Eyes	N/A	Skin	N/A
Protective Equipment	Not required		Work/Hygienic Practice		Routine personal hygiene		

Section 5 – Health Hazard Data

Routes of Entry	Inhalation N/A	Skin N/A	Eye X	Ingestion X	
Carcinogenicity	Not Listed X	NTP N/A	IARC N/A	OSHA N/A	ACGIH N/A
Over Exposure	None Known	Potential Effects	May cause eye irritation		
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 center.				

Section 6 – Stability and Reactivity Data

Stability	Stable	Hazardous Polymerization	None known
Conditions to avoid	None known	Incompatibility	None known
Decomposition or By Products	Combustion may produce CO, CO2, NOx		

Section 7 – Toxicological Information

No acute toxic effects expected by inhalation, ingestion, or contact during anticipated handling and usage. No long term chronic effects.					
Irritant	Not a primary irritant	Sensitization	None known	Synergism	None known

Section 8 – 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.							
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Biodegradation	Yes	Oxygen Depletion	None known	Bioconcentration	None known		
Aquatic Organisms	Not significant	Waste Plant Microbes	None known	BOD	NE	COD	NE

Section 9 – Disposal Guidelines
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Dispose according to local, state/Province, Federal & international regulations. Not a characteristic hazardous or listed waste by EPA & BCRA.
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Section 10 – Transport Regulations

Not hazardous by DOT, HM-181, TDG, LATA & IMO Regulations.					
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Shipping Class	Not regulated as hazardous	Label	N/A	UN/NA/PIN	N/A
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