

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

Identity (As used on label and list) HAND SANITIZING GEL W/62% ETHANOL ALCOHOL	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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SECTION I

Manufacturers Name Chester Labs, Inc.	Emergency Telephone Number 1-800-354-9709
Address 1900 Section Rd., Suite A	Telephone Number for Information 1-800-354-9709
City, State, Zip Code Cincinnati, OH 45237	Date prepared 10/2007

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s) %)(Optional)	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Ethanol CAS: 64-17-5	1000ppm	1000ppm	
Isopropanol CAS: 67-63-0	400ppm	---	

This product contains no SARA 313 reportable substances.

Hazard Rating Scale: Health = 1 Fire = 3 Reactivity = 0

SECTION III - Physical/Chemical Characteristics

Boiling Point Ethanol	78°F	Specific Gravity (H2O = 1)	.9 estd.
Vapor Pressure (mm Hg.) Ethanol @ 19°C	40mm	Melting Point	N/A
Vapor Density (AIR = 1) Ethanol	1.6	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water **Soluble**

Appearance and Odor **Clear, fragrant free gel**

SECTION IV - Fire and Hazard Data

Flash Point (Method Use) Closed cup 68°F	Flammable Limits Ethanol	LEL 3.3%	UEL 19%
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Extinguishing Media **Alcohol foam, CO₂, dry chemical**

Special Fire Fighting Procedures **None**

Unusual Fire and Explosion Hazards **Dangerous fire hazard when exposed to heat or flame. Moderate explosion hazard when exposed to heat or flame.**

SECTION V – Reactivity Data					Ethanol				
Stability	Unstable	Stable X	Conditions to Avoid			N/A			
Incompatibility (Materials to Avoid)					Oxidizers (including chlorine bleach, hydrogen peroxide), acids, platinum, and silver, chromium and potassium compounds.				
Hazardous Decomposition or Byproducts					On thermal decomposition; oxides of carbon				
Hazardous Polymerization	May Occur	Will Not Occur X	Conditions to Avoid			N/A			
SECTION VI - Health Hazard Data					Ethanol				
Route(s) of Entry:		Inhalation? Possible	Skin? Moderate	Ingestion? Moderate					
Health Hazards (Acute and Chronic)					Acute: >1000ppm => headache, irritation of eyes, nose and throat				
Central nervous system depressant, teratogen									
Carcinogenicity:					NTP? No	IARC Monographs? No	OSHA Regulated? Yes		
Signs and Symptoms of Exposure					Mild skin irritation in sensitive individuals				
Medical Conditions					Generally Aggravated by Exposure Dermatitis				
Emergency and First Aid Procedures					Eye irritant: Flush 15 minutes with water. Ingestion: Contact physician				
SECTION VII - Precautions for Safe Handling and Use									
Steps to be Taken in Case Material is Released or Spilled					Wipe up small amounts and flush area to drain. Collect and return large amounts to containers.				
Waste Disposal Method					Dispose of in accordance with all applicable local, state, and federal regulations.				
Precautions to be Taken in Handling and Storing					Flammable. Do not store above 110°F				
Other Precautions					None				
SECTION VIII – Control Measures									
Respiratory Protection (Specific Type)					None required				
Ventilation	Local Exhaust	N/A	Mechanical (General)	Special	N/A	Other	N/A		
Protective Gloves			N/A	Eye Protection			None required		
Other Protective Clothing or Equipment					None required				
Work/Hygienic Practices					None				
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