

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)
APRILGUARD HAND SANITIZER W/62% ETH ALC

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.

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
06/2008

SECTION II - Hazardous Ingredients/Identity Information

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

(Reproduce locally)

OSHA 174, Sept. 1985

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) N/A		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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