

**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

<b>Identity</b> (As used on label and list) <b>APRILGUARD HAND SANITIZER W/62% ETH ALC</b>	<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>
-----------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------

**SECTION I**

Manufacturers Name <b>Chester Labs, Inc.</b>	Emergency Telephone Number <b>1-800-354-9709</b>
Address <b>1900 Section Rd., Suite A</b>	Telephone Number for Information <b>1-800-354-9709</b>
City, State, Zip Code <b>Cincinnati, OH 45237</b>	Date prepared <b>06/2008</b>

**SECTION II - Hazardous Ingredients/Identity Information**

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

**This product contains no SARA 313 reportable substances.**

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

**SECTION III - Physical/Chemical Characteristics**

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

Solubility in Water      **Soluble**

Appearance and Odor      **Clear, fragrant gel**

**SECTION IV - Fire and Hazard Data**

Flash Point (Method Use) <b>Closed cup 68°F</b>	Flammable Limits <b>Ethanol</b>	LEL <b>3.3%</b>	UEL <b>19%</b>
----------------------------------------------------	---------------------------------	--------------------	-------------------

Extinguishing Media      **Alcohol foam, CO<sub>2</sub>, 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 <input type="checkbox"/>	Stable <input checked="" type="checkbox"/>	Conditions to Avoid N/A	
Incompatibility (Materials to Avoid) <b>Oxidizers (including chlorine bleach, hydrogen peroxide), acids, platinum, and silver, chromium and potassium compounds.</b>				
Hazardous Decomposition or Byproducts <b>On thermal decomposition; oxides of carbon</b>				
Hazardous Polymerization	May Occur <input type="checkbox"/>	Will Not Occur <input checked="" type="checkbox"/>	Conditions to Avoid <b>N/A</b>	
<b>SECTION VI - Health Hazard Data Ethanol</b>				
Route(s) of Entry:	Inhalation? <b>Possible</b>	Skin? <b>Moderate</b>	Ingestion? <b>Moderate</b>	
Health Hazards (Acute and Chronic) <b>Acute: &gt;1000ppm =&gt; headache, irritation of eyes, nose and throat</b>				
<b>Central nervous system depressant, teratogen</b>				
Carcinogenicity:	NTP? <b>No</b>	IARC Monographs? <b>No</b>	OSHA Regulated? <b>Yes</b>	
Signs and Symptoms of Exposure <b>Mild skin irritation in sensitive individuals</b>				
Medical Conditions Generally Aggravated by Exposure <b>Dermatitis</b>				
Emergency and First Aid Procedures <b>Eye irritant: Flush 15 minutes with water. Ingestion: Contact physician</b>				
<b>SECTION VII - Precautions for Safe Handling and Use</b>				
Steps to be Taken in Case Material is Released or Spilled <b>Wipe up small amounts and flush area to drain. Collect and return large amounts to containers.</b>				
Waste Disposal Method <b>Dispose of in accordance with all applicable local, state, and federal regulations.</b>				
Precautions to be Taken in Handling and Storing <b>Flammable. Do not store above 110°F</b>				
Other Precautions <b>None</b>				
<b>SECTION VIII – Control Measures</b>				
Respiratory Protection ( <i>Specific Type</i> ) <b>None required</b>				
Ventilation	Local Exhaust <input type="checkbox"/> <b>N/A</b>	Mechanical (General) <input type="checkbox"/> <b>N/A</b>	Special <input type="checkbox"/> <b>N/A</b>	Other <input type="checkbox"/> <b>N/A</b>
Protective Gloves <b>N/A</b>	Eye Protection <b>None required</b>			
Other Protective Clothing or Equipment <b>None required</b>				
Work/Hygienic Practices <b>None</b>				