

**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>ProAdvantage Hand Sanitizer P779114, 118</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>
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**SECTION I**

Distributed by <b>NDC</b>	Emergency Telephone Number <b>Contact your Regional Poison Control Center.</b>
Address 407 New Sanford Road	Telephone Number for Information 1-800-421-3040
City, State, Zip Code LaVergne, TN 37086	Date prepared 10/2009

**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	N/A	

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

**SECTION III - Physical/Chemical Characteristics**

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

Solubility in Water  
Appreciable

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>
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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.**

**SECTION V - Reactivity Data**

Stability      Unstable <input type="checkbox"/> Stable X	Conditions to Avoid None
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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 <input type="checkbox"/> Will Not Occur X	Conditions to Avoid None
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**SECTION VI - Health Hazard Data**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 and return large amounts to container.

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: NOTE : UNDER NORMAL CONDITIONS OF USE, THIS PRODUCT IS NOT A HAZARDOUS MATERIAL AS DEFINED BY THE OSHA HAZARD COMMUNICATION STANDARD.

**SECTION VIII - Control Measures**Respiratory Protection (*Specific Type*) : None required

Ventilation Normal room ventilation	Local Exhaust <input type="checkbox"/> NA	Mechanical (General) <input type="checkbox"/> NA	Special <input type="checkbox"/>	Other <input type="checkbox"/>
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Protective Gloves: None

Eye Protection: **Avoid eye contact**

Other Protective Clothing or Equipment : None

Work/Hygienic Practices: Normal