



**Beaumont Products, Inc.**

## MATERIAL SAFETY DATA SHEET

### 1. Chemical Product & Company Identification

Material name Citrus II Antimicrobial Hand Sanitizing Lotion  
Revision date 09/14/10  
Manufacturer Beaumont Products, Inc  
1560 Big Shanty Dr  
Kennesaw, GA 30144 USA  
General Information 1/800-451-7096  
Emergency In case of emergency please contact ChemTel: 1(800) 255-3924, Int'l (813) 248-0585

### 2. Hazards Identification

Emergency Overview Causes eye irritation. Do not swallow.  
Acute Effects  
Eyes Causes eye irritation. Inflammation of the eye is characterized by redness, watering and itching.  
Skin Non-irritating under conditions of use. Prolonged or repeated contact may dry skin and cause.  
Inhalation No known acute effects of this product resulting from inhalation.  
Ingestion Do not swallow. Large quantities may cause nausea, upset stomach, and loss of appetite.  
Chronic Effects Chronic toxic effects are unlikely under normal conditions of use.  
Carcinogenic Effects Not listed as a carcinogen by OSHA, NTP or IARC.

### 3. Composition/Information on Ingredients

<u>Components</u>	<u>CAS #</u>	<u>Percent</u>
Ethyl Alcohol (ethanol)	64-17-5	69.0 %

### 4. First Aid Measures

First aid procedures  
Eye contact Check for and remove contact lens. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention if irritation develops or persists.  
Skin contact This product is formulated for use on skin. If irritation, redness or discomfort is present, get medical attention.  
Inhalation No known acute effects of this product resulting from inhalation. If excessive quantities inhaled, remove to fresh air.  
Ingestion Do not induce vomiting unless directed to do so by medical personnel. If affected person is conscious, give plenty of water to drink. Seek medical attention or contact poison control immediately.

### 5. Fire Fighting Measures

Flash Point (method used) 70°F (21.1 °C), (Tagliabue, Closed Cup)  
Flammability FLAMMABLE  
Extinguishing Media DRY chemical powder. Carbon dioxide (CO<sub>2</sub>), Foam.  
Fire Hazard Flammable liquid and vapor. Vapor may cause flash fire.  
Protective Equipment  
Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent). Water spray to cool equipment and disperse vapors.

### 6. Accidental Release Measures

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Personal precautions	Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.
Environmental precautions	Prevent further leakage or spillage, if safe to do so.
Methods for containment	Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Wear appropriate protective equipment and clothing during clean-up.
	Small Spills; Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.
	Large Spills: Dike far ahead of liquid spill for later disposal. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

## 7. Handling and Storage

Handling	Keep away from heat, sparks, open flame or any other ignition source. Keep container closed. Avoid contact with eyes. Apply this product only as specified on the label.
Storage	Store in cool, well-ventilated place. Protect from freezing. Keep container tightly closed and dry. Keep out of the reach of children.

## 8. Exposure Controls/Personal Protection

Engineering controls:	Use general ventilations. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.
Consumer protective equipment:	None needed under normal conditions of use.
Personal protective equipment for large quantities:	
General	Eye wash fountain and emergency showers are recommended.
Eye/face protection	Wear chemical goggles, Face-shield
Skin protection	Wear suitable protective clothing. Use impervious gloves.
Respiratory protection	if ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

## 9. Physical & Chemical Properties

Physical state	Viscous liquid	Color	Clear. Colorless
pH	Not available	Odor	Alcohol scent
Flash point	70°F (21.1 °C) (TCC)	Solubility	Completely soluble in water
Specific Gravity	0.873 (Water =1)	Vapor Density	> 1 (Air=1)
Evaporation Rate	> 1 (Butyl Acetate =1)		

## 10. Stability & Reactivity

Chemical stability	Stable at normal conditions.
Incompatible materials	Avoid contact with oxidizing agents, excessive heat, sparks, open flame or ignition sources.
Hazardous decomposition Products	Upon decomposition, this product may yield carbon dioxide (CO <sub>2</sub> ) and carbon monoxide (CO).
Hazardous Polymerization	Will not occur.

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## 11. Toxicological Information

Toxicity to Animals      Ethanol:  
ORAL Rat (LD50): Acute 7060 mg/kg  
DERMAL Rabbit (LD50): Acute 2000 mg/kg  
VAPOR Rat (LC50): Acute 20,000 ppm 10 hour(s)

## 12. Ecological Information

Aquatic toxicity      Rainbow trout: LC50 = 12900-15300 mg/L; 96 Hr  
Ecotoxicity      Not available  
Biodegradable/OECD      Not available

## 13. Disposal Considerations

**Disposal instructions**      Waste must be disposed of in accordance with federal, state and local environmental control regulations. This product, if discarded as supplied, is considered a hazardous waste under RCRA, D001.

## 14. Transport Information

DOT CLASSIFICATION  
ORM-D (Ground/Rail Transport)  
Flammable liquids n.o.s (Contains ethyl alcohol) Class 3; UN1993; PG II (Air Transport)

## 15. Regulatory Information

**US federal regulations**      This product is regulated under the US Federal Food, Drug, and Cosmetic Act.

## 16. Other Information

**Further information**      HMIS® is a registered trade and service mark of the NPCA.

**HMIS® ratings**      Health: 1  
Flammability: 3  
Physical hazard: 0  
Personal protection: N/A

**NFPA ratings**      Health : 1  
Flammability: 3  
Instability: 0

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**MSDS Section Changes**      This document has undergone significant changes and should be reviewed in its entirety.