

# MATERIAL SAFETY DATA SHEET



## SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Ultimate Solutions Alcohol Gel Hand Cleanser

**Manufacturer:**  
Ultimate Solutions, Inc.  
31 Columbus Avenue  
Englewood, NJ 07631 (888) 564-3204

## SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

Components Exposure Limits *	Wt%	OSHA	PEL	ACGIH	TLV	NIOSH	REL
Denatured Alcohol	62%						

## SECTION 3 – HAZARDS IDENTIFICATION

**HMIS Ratings** Health = 0, Reactivity =1, Flammability = 0

**EMERGENCY OVERVIEW** CAUTION: Causes eye irritation. Avoid contact with eyes, skin, open wounds, or clothing.

## SECTION 4 – FIRST AID MEASURES

### Emergency and First Aid Procedures

**Eyes:** Object is to flush material out immediately and then seek medical attention. Immediately flush eyes with large amounts of water for at least 15 minutes, holding lids apart to ensure flushing of entire surface. Washing eyes within one minute is essential to achieve maximum effectiveness. SEEK MEDICAL ATTENTION IMMEDIATELY.

**SKIN:** Wash contaminated areas with plenty of water for 15 minutes. Remove contaminated clothing and footwear and wash clothing before reuse. Discard footwear, which cannot be decontaminated. SEEK MEDICAL ATTENTION IMMEDIATELY.

**INHALATION:** Get person out of the contaminated area to fresh air. If breathing has stopped, resuscitate and administer oxygen if readily available. SEEK MEDICAL ATTENTION IMMEDIATELY

**INGESTION -** Never give anything by mouth to an unconscious person. If swallowed, DO NOT INDUCE VOMITING. Give large amounts of water. If available, give several glasses of milk. If vomiting occurs spontaneously, keep airway clear. SEEK MEDICAL ATTENTION IMMEDIATELY

## SECTION 5 – FIRE FIGHTING MEASURES

**Flash Point / Method:** 74F / 23 C  
**Flammable Limits:** Not established  
**Extinguishing media:** Firefighters should wear full protective equipment and niosh approved self-contained breathing apparatus.  
**Special Fire Fighting Procedures:** Use dry chemical, carbon dioxide or alcohol-resistant foam. Water may be ineffective.  
**Fire and explosion hazards:** Extremely flammable. Vapors are heavier than air and can travel distances to ignition sources and flash back.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Response to Spills:** Ventilate area of spill. Eliminate all sources of ignition. Contain spilled material. Dilute to nonflammable mixture with water. Contain and collect for disposal.

## SECTION 7 – HANDLING AND STORAGE

**Handling Precautions:** Wash after handling. Wash hands before eating. Keep container tightly closed when not in use.  
**Storage Precautions:** Store in a cool, dry place. Keep storage temperature below 120°F. Do not contaminate food, feed, or drinking water. Keep from freezing.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**Hygienic Practices:** Normal procedures for good hygiene. Avoid eye and skin contact.  
**Engineering Controls:** No special ventilation requirements. Eyewash station is recommended. Occupational settings (defined by 29CFR1910 – Subpart A) require compliance with 29CFR1910 – Subpart I.  
**Respirator** NIOSH approved organic vapor type (not normally required)  
**Goggles/Face Shield** Recommended, as required, to prevent eye contact.  
**Personal Protective Equipment:** Gloves – Recommended, as required, to prevent skin contact (rubber or Neoprene).

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear gel	<b>Boiling Point</b>	Not established
<b>Odor</b>	Citrus	<b>Freezing Point</b>	Not established
<b>pH</b>	neutral (6.7-7.5)	<b>Evaporation Rate (Butyl Acetate=1)</b>	>1.0
<b>Specific Gravity (H2O=1)</b>	0.9	<b>Vapor Density (Air=1)</b>	1.0
<b>Solubility</b>	Totally soluble	<b>Vapor Pressure (mmHg)</b>	0.40

## SECTION 10 – STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	None known
<b>Incompatibility:</b>	Strong acids and strong oxidizing agents.
<b>Hazardous Decomposition:</b>	Combustion may produce carbon monoxide.
<b>Polymerization:</b>	Hazardous polymerization will not occur.
<b>Conditions to Avoid:</b>	No ignition sources.

## SECTION 11 – TOXICOLOGICAL INFORMATION

THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910.1000, Subpart Z.

Other Effects: Acute: Nausea, vomiting, or diarrhea may result from ingestion. Bacterial infection may occur through open wounds.

Chronic: Skin irritation may occur among hypersensitive individuals following repeated contact.

## SECTION 12 – ECOLOGICAL INFORMATION

<b>Biodegradability:</b>	Considered biodegradable
<b>BOD5 / COD Value:</b>	not determined

## SECTION 13 – DISPOSAL CONSIDERATIONS

<b>Waste Disposal Method:</b>	Dispose of in accordance with local, state, and federal regulations.
<b>RCRA Classification:</b>	Non-hazardous

## SECTION 14 – TRANSPORT INFORMATION

<b>DOT Classification:</b>	ETHANOL SOLUTIONS, 3, UN1170, II.
<b>Exceptions:</b>	
<b>Description:</b>	Not applicable

## SECTION 15 – REGULATORY INFORMATION

<b>X TSCA:</b> Ingredients have been listed.	
<b>X SARA 311/312:</b>	Immediate (Acute) Health Hazard
<b>X HACCP:</b>	Formula complies with USDA guidelines for nonprocessing areas and nonfood contact surfaces.
<b>X WHMIS Class:</b>	Not Controlled

## SECTION 16 – OTHER INFORMATION

Store at room temperature

The information provided herein is based on data considered accurate. However, it is furnished WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. It is intended to assist in evaluating the suitability and proper use of the material and in the development of safety precautions and procedures. The user assumes all responsibility for personal injury or property damage caused by the misuse of this product.



Ultimate Solutions, Inc.  
31 Columbus Avenue  
Englewood, NJ 07631 USA  
Phone (888) 564-3204  
FAX (201) 568-1977  
[www.ultimatesolutionsinc.net](http://www.ultimatesolutionsinc.net)