

Issue Date 20-Aug-2008

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Version 2

## 1. IDENTIFICATION

### Product Identifier

**Product Name** United 978 SWAMP WIPE

### Other means of identification

**SDS #** UNITED-978

### Recommended use of the chemical and restrictions on use

**Recommended Use** Insect Repellant Towel  
**Uses Advised Against** For industrial and institutional use only.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

United Laboratories, Inc.  
320 37th Avenue  
St. Charles, IL 60174  
www.unitedlabsinc.com  
www.unitedlabsinc.ca

### Emergency Telephone Number

**Company Phone Number** 800-323-2594 (to reorder)  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous according to the OSHA Hazard

Skin Corrosion/Irritation	Category 2
Flammable liquids	Category 2

### Label elements

**Signal word** DANGER

### **Hazard statements**

Cause skin irritation  
Highly flammable liquid and vapor



**Appearance** White cloth impregnated with clear, colorless liquid

**Physical State** Liquid

**Odor** Alcohol scent



**Most important symptoms and effects**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Carbon dioxide (CO<sub>2</sub>). Dry chemical. Alcohol-resistant foam.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

Vapor may travel to source of ignition and flash back. Vapors may form explosive mixtures with air.

**Hazardous Combustion Products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Formaldehyde. Nitrous oxide. Soot.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus and full protective gear. Use water spray to cool surrounding containers.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Remove all sources of ignition. Avoid contact with skin, eyes and clothing. High risk of slipping due to leakage/spillage of product.

**Environmental Precautions** Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant. Collect spillage.

**Methods and material for containment and cleaning up**

**Methods for Clean-Up** Small spillage: Wipe up with absorbent material (e.g. cloth, fleece). Large spillage: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

**Method of Containment** Prevent further leakage or spillage if safe to do so.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Wash thoroughly after handling. Avoid breathing vapors or mists. Do not take internally. Do not smoke.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container closed when not in use. Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children. Do not contaminate food or feed stuffs.

**Incompatible Products** Strong oxidizers.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl alcohol 64-17-5	TWA: 1000ppm	TWA: 1000ppm TWA: 1900mg/m <sup>3</sup> (vacated) TWA: 1000ppm (vacated) TWA: 1900mg/m <sup>3</sup>	IDLH: 3300ppm 10% LEL TWA: 1000ppm TWA: 1900mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering Measures**            Showers. Eyewash station. Ventilation systems.

**Individual protection measures, such as personal protective equipment**

- Eye/Face Protection**            No special protective equipment required. Avoid contact with eyes.
- Respiratory Protection**        None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
- Eye/Face Protection**            No special protective equipment required. Avoid contact with eyes.
- Respiratory Protection**        None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Alcohol Scent
<b>Appearance</b>	White cloth impregnated with clear, colorless liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	180 °F/ 82 °C	
Flash Point	62 °F/ 16.67 °C	PMCC
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	>1	
Specific Gravity	0.859	(1=Water)
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	64%	

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not applicable.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to Avoid**

Incompatible products.

**Incompatible Materials**

Strong Oxidizing agents.

**Hazardous Decomposition Products**

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>). Formaldehyde. Smoke. Soot.

**11. TOXICOLOGICAL INFORMATION**

**Product Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethyl Alcohol	7060 mg/kg (RAT)	-	124.7 mg/L (RAT) 4h
N,N- Diethyl-m- toluimide	=1892mg/kg (Rat)	=5g/kg (Rat) =3180 µL/kg (Rabbit)	-

**Information on likely routes of exposure**

**Product Information**

**Inhalation**

Overexposure: May cause irritation of respiratory tract.

**Eye Contact**

Contact with eyes may cause irritation.

**Skin Contact**

Causes skin irritation.

**Ingestion**

May be harmful if swallowed

**Information on physical, chemical and toxicological effects**

**Symptoms**

No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization**

No information available.

**Mutagenic Effects**

No information available.

**Carcinogenicity**

The list below indicates any ingredients listed as a carcinogen:

Ethanol has been shown to be carcinogenic in long-term studies only when consumed and abused as an alcoholic beverage.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethyl alcohol	A3	Group 1	Known	X

**ACGIH: (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC: (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

**NTP: (National Toxicity Program)**

Known - Known Carcinogen

**OSHA: (Occupational Safety & Health Administration)**

X - Present

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product**

**LD50 Oral** 3880 mg/kg; Acute toxicity estimate  
**LD50 Dermal** 5000 mg/kg; Acute toxicity estimate  
**Inhalation dust/mist** 124.7 mg/L; Acute toxicity estimate

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Toxic to aquatic life with long lasting effects. Avoid releasing to the environment.

**Persistence/Degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility**

Not determined

Chemical Name	Log Pow=
Ethyl alcohol	-0.32

**Other Adverse Effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not re-use empty containers.

**14. TRANSPORT INFORMATION**

**DOT**

**Proper shipping name** Consumer commodity  
**Hazard Class** ORM-D  
**Description** Consumer commodity, ORM-D

**IATA**

Please contact manufacturer with most current information.

**IMDG**

Please contact manufacturer with most current information.

**15. REGULATORY INFORMATION**

**International Inventories**

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	Cas-No	California Prop. 65
Ethyl alcohol	64-17-5	Developmental

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Ethyl alcohol	X	X	X	-	-

"X" designates that the ingredients are listed on the state right to know list.

**U.S. EPA Label Information**

EPA Pesticide Registration Number: 11694-111



