

# UNITED MATERIAL SAFETY DATA SHEET

LABORATORIES 320 37th Avenue • St. Charles, Illinois 60174 • To Reorder, Call 800-323-2594

PRODUCT IDENTIFICATION UNITED 264 CONTACT	USE / DESCRIPTION Instant Antiseptic Hand Cleanser	DATE OF MOST RECENT REVISION February 2, 1997	FOR MEDICAL AND TRANSPORTATION EMERGENCIES: INFOTRAC: 800-535-5053
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**HEALTH (0 = Maximum Safety)** **1**  
Always follow Label Directions and Cautions.  
4 Extreme. 3 High. 2 Moderate. 1 Slight. 0 Minimal.  
See Health Hazard Data Section of this M.S.D.S. for more detailed information.

**REACTIVITY (0 = Maximum Safety)** **0**  
Susceptible to Release of Energy.  
4 May detonate-vacate area if Materials are exposed to fire.  
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.  
2 Violent chemical change possible-use hose stream from distance  
1 Unstable if heated-use precaution.  
0 Normally stable.

**FLAMMABILITY (0 = Maximum Safety)** **3**  
Susceptibility of Material to Burning.  
4 Extremely flammable. 1 Must be preheated to burn.  
3 Ignites at normal temperature. 0 Will not burn.  
2 Ignites when moderately heated.

**PERSONAL PROTECTION** None.

## HAZARDOUS COMPONENTS IDENTITY, EXPOSURE LIMITS AND S.A.R.A. TITLE III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	ACGIH TWA	ACGIH STEL	OSHA PEL	OTHER RECOMMENDED LIMITS	S.A.R.A. TITLE III QUANTITIES
Denatured Ethyl Alcohol	64-17-5	1000 ppm 1880 mg/m <sup>3</sup>	Not established	1000 ppm 1900 mg/m <sup>3</sup>	NIOSH TWA 1000 ppm 1900 mg/m <sup>3</sup>	None.

## PHYSICAL / CHEMICAL CHARACTERISTICS

<b>BOILING POINT</b> 180°F.	<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1)</b> 0.90
<b>VAPOR PRESSURE (mm Hg.)</b> (At 77° F) Not determined.	<b>MELTING POINT</b> Not determined.
<b>VAPOR DENSITY (Air = 1)</b> Not determined.	<b>EVAPORATION RATE</b> (H <sub>2</sub> O = 1) 1.2 (until surface film is formed)
<b>SOLUBILITY IN WATER</b> Complete.	<b>VOLATILE ORGANIC COMPOUNDS (V.O.C.)</b> (Pounds Per Gallon Of Product) 4.02
<b>APPEARANCE AND ODOR</b> Clear liquid with lemon lime scent.	<b>pH:</b> 6.8 - 7.5

## FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT (Method Used)</b> 68°F (Tag Closed Cup).	<b>FLAMMABLE LIMITS</b> Not determined.	<b>LEL</b> —	<b>UEL</b> —
<b>EXTINGUISHING MEDIA</b> Class A, B, or C; water spray, carbon dioxide, foam.			
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> Use water spray or mist to keep containers cool. Wear NIOSH approved self-contained breathing apparatus and full protective gear.			

**UNUSUAL FIRE AND EXPLOSION HAZARDS**  
Overheated containers may rupture, releasing more flammable material.

## REACTIVITY DATA

STABILITY:                      STABLE   
   UNSTABLE                       CONDITIONS TO AVOID  
      None known.

### INCOMPATIBILITY (Materials To Avoid)

Strong oxidizing agents.

### HAZARDOUS DECOMPOSITION OR BY PRODUCTS

Combustion will produce oxides of carbon, nitrogen, and sulfur.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR                       CONDITIONS TO AVOID  
   MAY OCCUR     None known.

## HEALTH HAZARD DATA

### HEALTH HAZARDS

Acute vapor irritates eyes, nose and throat and can cause damage to eye tissue. Swallowing may cause stomach cramps or diarrhea.

### CARCINOGENICITY:

NTP? No.

IARC MONOGRAPHS? No. OSHA REGULATED? No.

This product contains a chemical known to the state of California to cause cancer or reproductive toxicity? No.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYE: Liquid or vapor may cause irritation. SKIN: May cause irritation and defatting of skin tissue on prolonged contact.

IF INHALED: May cause dizziness, loss of consciousness. IF SWALLOWED: May cause stomach cramps or diarrhea.

### TARGET ORGAN:

Eyes.

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE

None known.

### EMERGENCY AND FIRST AID PROCEDURE

EYES: Flush immediately with water for at least 15 minutes. Call a physician or poison center.

IF INHALED: Remove patient to fresh air; apply CPR as needed; call a physician or poison center immediately.

IF SWALLOWED: If patient is conscious and able to swallow, rinse mouth with water then feed two glasses of water and induce vomiting.

Never give anything by mouth if patient is unconscious. Call a physician or poison center immediately.

## PRECAUTIONS FOR SAFE HANDLING AND USE

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove sources of heat or open flame. Contain spill with an absorbent and collect for disposal. Rinse area with water.

### WASTE DISPOSAL METHOD

Contact local, state, and federal authorities for proper disposal guidelines. Rinse container before recycling it.

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in tightly closed container away from heat and oxidizing agents. Keep out of reach of children. Keep from freezing.

## CONTROL MEASURES

### FOR USE WHERE SIGNIFICANT EYE, SKIN OR INHALATION EXPOSURE IS LIKELY

#### RESPIRATORY PROTECTION (Specify Type)

None required.

VENTILATION:    MECHANICAL (General)  
   None required.

LOCAL EXHAUST  
Adequate.

#### PROTECTIVE GLOVES

None required.

#### EYE PROTECTION

None required for normal use.

#### OTHER PROTECTIVE CLOTHING OR EQUIPMENT

None required.

#### WORK HYGIENIC PRACTICES

Follow OSHA laws and normal housekeeping practices.