



## MATERIAL SAFETY DATA SHEET

320 37th Avenue, St. Charles, Illinois 60174  
[www.unitedlabsinc.com](http://www.unitedlabsinc.com) . [www.unitedlabsinc.ca](http://www.unitedlabsinc.ca)

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### 1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES  
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

**PRODUCT NAME**  
UNITED 255 DISINFECT PLUS

**USE/DESCRIPTION**  
One Step Disinfectant Germicidal Detergent and Deodorant

**REVISION DATE**  
April 6, 2012

#### HMIS III HEALTH (0 = Maximum Safety) 2

Always follow Label Directions and Cautions.

* Chronic	2 Moderate
4 Severe	1 Slight
3 Serious	0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

#### PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

#### FLAMMABILITY (0 = Maximum Safety) 1

Susceptibility of Material to Burning.

4 Extremely flammable.	1 Must be preheated
3 Ignites at normal temperature.	to burn.
2 Ignites when moderately heated.	0 Will not burn.

**PERSONAL PROTECTION: n & p**



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Didecyl dimethyl ammonium chloride	7173-51-5	2.54	NE	NE	NE	NE
N-alkyl dimethyl benzyl ammonium chloride	68424-85-1	1.69	NE	NE	NE	NE
Ethanol	64-17-5	1-5	1000 ppm	1000 ppm	NE	NE

### 3. HAZARDS IDENTIFICATION

**Eyes:** Causes eye irritation.

**Skin:** Causes irritation to the skin.

**Inhalation:** Vapors may be irritating to mucous membrane of the nose, throat and lungs.

**Ingestion:** Can produce immediate burning pain in the mouth, throat and abdomen.

### 4. FIRST AID MEASURES

**Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**Ingestion:** Call a poison control center or doctor immediately for treatment advice. Immediately give large quantities of water if able to swallow. DO NOT induce vomiting. Do not give anything by mouth to an unconscious person.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** >200°F/ >93.3°C

**Explosive Limits:** Lower (LEL): ND Upper (UEL): ND

**Flame Projection (Aerosol):** NA

**Hazardous Products of Combustion:** When ignited as in a fire, this product may produce toxic vapors or gases.

**Fire and Explosion Hazards:** Take precautionary measures against static discharges.

**Extinguishing Media:** Water spray, Dry powder, Foam.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing. Keep containers cool and vapors down with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Use personal protective equipment. Prevent product from entering drains. Contain spill and collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in a container for proper disposal.

**Large Spills:** Use personal protective equipment. Prevent product from entering drains. Contain spill and collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in a container for proper disposal.

## 7. HANDLING AND STORAGE

Keep this product in properly labeled, tightly closed containers. Store in a cool, well-ventilated area away from sources of ignition. Store at temperatures below 140°F/60°C. Protect from hard freezing, as the drums or bottles may rupture or burst. Take precautionary measures against static discharges. Do not contaminate drinking water, food or feed by storage or disposal. After handling, always wash hands thoroughly with soap and water. Avoid contact with skin and eyes.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety goggles are recommended.

**Skin:** Rubber or neoprene gloves, to prevent skin contact are recommended.

**Respiratory:** Not normally needed. In processes where mists or vapors may be generated, a NIOSH/MSHA respirator is advised. If TLV is exceeded, use a NIOSH/MSHA approved respirator.

**Engineering Controls:** Ventilation not usually necessary but should be provided in the event of overexposure.

**Other protective Clothing:** Shirts with long sleeves are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** ND

**Specific Gravity:** 1.000 (H<sub>2</sub>O=1)

**Vapor Pressure:** ND

**Melting Point:** ND

**Vapor Density:** ND

**Evaporation Rate:** ND

**Solubility in Water:** 100 %

**pH:** 7.2 – 8.2

**Appearance and Odor:** Opaque liquid with mild scent.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** When ignited as in a fire, this product produces irritating gases and vapors.

**Chemical Stability:** Stable

**Incompatibility:** Acids and strong oxidizing agents. Do not mix with other chemicals or cleaners.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** None

**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

## 12. ECOLOGICAL INFORMATION

ND

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state, and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

## 14. TRANSPORT INFORMATION

**DOT:** Non-hazardous

**TDG:** Non-dangerous goods.

**IMDG:** Non-dangerous goods.

**IATA:** Non-dangerous goods.

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** 0.083 lbs per gallon of product

**TSCA (Toxic Substances Control Act):** Listed

**SARA Title III Section 302 EHS:** None

**SARA Title III Section 311/312:** Acute Health Hazard

**SARA Title III Section 313 Toxic Chemicals:** None

**WHMIS Classification:**

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

UNITED 255 DISINFECT PLUS

PREPARED BY: Sandy Kopacz