



## 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)

To Reorder Call:  
 800-323-2594

### 1. PRODUCT AND COMPANY IDENTIFICATION

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

**PRODUCT NAME**  
 UNITED 175 CLEAN AND FREE

**USE/DESCRIPTION**  
 Aerosol Instant Action Foaming Cleaner  
 Disinfectant and Deodorizer

**REVISION DATE**  
 May 20, 2013

#### HMIS III HEALTH (0 = Maximum Safety) **1**

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) **1**

**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) **0**

**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: A**



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
2-Butoxyethanol	111-76-2	3-10	20 ppm	50 ppm	470 mg/kg (Oral, Rat)	NE
Propane/N-Butane	68476-86-8	3-10	1000 ppm	1000 ppm	NE	NE
Potassium hydroxide	1310-58-3	1 - 5	2 mg/m3	2 mg/ m3	NE	NE
Isopropyl Alcohol	67-63-0	1 - 5	400 ppm	400 ppm	NE	100000 mg/1 96hrs Fathead Minnow

### 3. HAZARDS IDENTIFICATION

**Routes of Entry:** Eyes, Skin, Inhalation, Ingestion

**Eyes:** May cause mild irritation.

**Skin:** May cause irritation, dryness with prolonged or repeated contact.

**Inhalation:** No hazards with normal use.

**Ingestion:** May cause gastrointestinal irritation, stomach cramps.

**Chronic Health Hazards:** None known.

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush with water for at least 15 minutes while holding eyelids open. 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 15-20 minutes. If irritation persists, call a physician or poison control center.

**Inhalation:** If symptoms develop, move victim to fresh air. If breathing is difficult or has stopped, call 911 or an ambulance and then trained personnel should administer CPR immediately. Call a poison control center or doctor for further treatment advice.

**Ingestion:** Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** Not Tested

**Explosive Limits:** Lower (LEL): N/A Upper (UEL): N/A

**Flame Projection (Aerosol):** Nonflammable per 16 CFR 1500.45

**Hazardous Products of Combustion:** When strongly heated, as in a fire, this product may produce oxides of carbon.

**Fire and Explosion Hazards:** Do not expose aerosols to temperatures above 120°F or the container may rupture.

**Extinguishing Media:** Dry chemical, Carbon dioxide, Foam, Water spray for cooling

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water to prevent vapor pressure build up. Prevent runoff from entering sewers and public waterways. Wear SCBA in chemical fires.

## 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Pick up small spills with rag or towel.

**Large Spills:** Soak up with non-combustible material like vermiculite, sand or earth and rinse with a small amount of soapy water and place in designated disposal container. Prevent material from entering sewers or drains.

## 7. HANDLING AND STORAGE

Store in a cool, dry area. Keep away from heat sources or in direct sunlight. Exposure to temperatures above 120F ma cause bursting. Keep out of reach of children. Keep container tightly sealed when not in use. Follow label directions exactly.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses are recommended.

**Skin:** Chemical resistant gloves are recommended if splashing is a factor. Wash hands thoroughly after use.

**Respiratory:** None needed for proper use in accordance with label directions. If ventilation is not adequate to reduce vapors below TLV levels, use a NIOSH/MSHA approved air-purifying respirator equipped with an organic vapor cartridge.

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 212°F/100°C **Specific Gravity:** 1.00 (77°F/25°C) **Vapor Pressure:** 17.5@77°F/25°C **Melting Point:** ND

**Vapor Density:** <1 (Air=1) **Evaporation Rate:** <1 **Solubility in Water:** Complete **pH:** 12.3±0.5

**Appearance and Odor:** Aerosol; clear /white foam liquid spray with a citrus scent

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** When strongly heated, as in a fire, this product may produce oxides of carbon.

**Chemical Stability:** Stable

Conditions to Avoid: Temperatures greater than 120°f/100°C, excessive heat, open flames, and sources of ignition.

**Incompatibility:** Avoid contact with strong acids, strong alkalis, and strong oxidizing agents.

## 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

See Section 2.

IPA has a low potential to affect aquatic organisms, secondary waste treatment microbial metabolism, and germination of some plants.

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state and federal regulations for proper disposal guidelines. Do not reuse, puncture or incinerate containers. Wrap container and place in trash collection. Disposal regulations may be different for each state and/or locality.

**RCRA Status:** Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal 40 CFR 261.

## 14. TRANSPORT INFORMATION

**DOT-Land:** Consumer Commodity, ORM-D

**IMDG- Ocean:** UN 1950, Aerosols, Non-Flammable, 2.2

**IATA-AIR:** UN 1950, Aerosols, Non-Flammable, 2.2

## 15. REGULATORY INFORMATION

**VOC(Volatile Organic Compounds):** 16%

**TSCA (Toxic Substances Control Act):** All chemicals are listed or exempt.

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

**SARA Title III Section 311/312:** 2-Butoxyethanol CAS# 111-76-2 Acute health hazard

**SARA Title III Section 313 Toxic Chemicals:** 2-Butoxyethanol CAS No. 111-76-2

**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 175 CLEAN AND FREE**

**PREPARED BY:** Sandy Kopacz