

**UNITED****MATERIAL SAFETY DATA SHEET****LABORATORIES**

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

**PRODUCT IDENTIFICATION**  
UNITED 101**USE / DESCRIPTION**  
Moisture Barrier and Electrical Lubricant**DATE OF MOST RECENT REVISION**  
April 19, 1994**FOR MEDICAL AND  
TRANSPORTATION EMERGENCIES:**  
INFOTRAC: 800-535-5053**HEALTH (0 = Maximum Safety)**

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.**2****REACTIVITY (0 = Maximum Safety)**

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.**1****FLAMMABILITY (0 = Maximum Safety)**

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.**0****PERSONAL  
PROTECTION****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	CA PROP 65
1, 1, 1 Trichloroethane	71-55-6	350 ppm 1910 mg/m <sup>3</sup>	450 ppm 2460 mg/m <sup>3</sup>	350 ppm 1910 mg/m <sup>3</sup>	None	0.73*	No
Butyl Cellosolve	111-76-2	Skin: 25 ppm Skin: 121 mg/m <sup>3</sup>	Not established	50 ppm 240 mg/m <sup>3</sup>	None	.025*	No
Mineral Oil	8002-95-1	Not established	Not established	Not established	None	None	No
Carbon Dioxide	124-38-9	5000 ppm 9000 mg/m <sup>3</sup>	30,000 ppm 54000 mg/m <sup>3</sup>	5000 ppm 9000 mg/m <sup>3</sup>	None	None	No

\* Pounds of reportable material per can of UNITED product.

**PHYSICAL / CHEMICAL CHARACTERISTICS****BOILING POINT**  
Not determined.**SPECIFIC GRAVITY (H<sub>2</sub>O = 1)**  
1.186**VAPOR PRESSURE (psig)**  
(At 75° F) 90**MELTING POINT**  
Not determined.**VAPOR DENSITY (Air = 1)**  
Not determined.**EVAPORATION RATE**  
(Butyl Acetate = 1) Not determined.**SOLUBILITY IN WATER**  
Slight.**VOLATILE ORGANIC COMPOUNDS (V.O.C.)** Total = 1.035. In areas where  
(Pounds Per Can Of Product) 1,1,1 Trichloroethane is exempt from VOC regulation = 0.111.**APPEARANCE AND ODOR**  
Clear yellowish liquid with mild sweetish odor.**pH:**  
Not applicable.**FIRE AND EXPLOSION HAZARD DATA****FLASH POINT (Method Used)**

None to 200°F (T.O.C.) This product is nonflammable by the flame; extension test.

**FLAMMABLE LIMITS**

Not determined.

**LEL**

—

**UEL**

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**EXTINGUISHING MEDIA**

Foam, dry chemical, carbon dioxide.

**SPECIAL FIRE FIGHTING PROCEDURES**

Keep containers cool. Use equipment or shielding required to protect personnel against rupturing, bursting or venting containers.

Fire fighters should use self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

At elevated temperature (above 120°F), containers may vent, rupture, or burst.

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## REACTIVITY DATA

STABILITY: STABLE ☒ UNSTABLE ☐ CONDITIONS TO AVOID  
Do not expose to temperatures above 120° F

### INCOMPATIBILITY (Materials To Avoid)

Strong alkalis, oxidizers, shavings of aluminum, zinc, or magnesium.

### HAZARDOUS DECOMPOSITION OR BY PRODUCTS

At abnormally high temperatures, possible trace amount of phosgene.

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

## HEALTH HAZARD DATA

### HEALTH HAZARDS

SKIN: Prolonged or repeated contact may cause moderate irritation, defatting and dermatitis.

EYES: May cause severe irritation, redness, tearing and blurred vision. IF INHALED: May cause dizziness; drowsiness, throat irritation and unconsciousness.

IF SWALLOWED: May cause upset stomach, nausea, vomiting and diarrhea. Aspiration of material into lungs may cause chemical pneumonitis.

CARCINOGENICITY:	NTP?	IARC MONOGRAPHS?	OSHA REGULATED?
	No.	No.	No.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

SKIN: Prolonged or repeated contact may cause moderate irritation, defatting and dermatitis

EYES: May cause irritation, redness, tearing and blurred vision. IF INHALED: May cause dizziness, drowsiness, and throat irritation.

IF SWALLOWED: May cause upset stomach, nausea, vomiting and diarrhea. Aspiration of material into lungs may cause chemical pneumonitis.

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE

None known.

### EMERGENCY AND FIRST AID PROCEDURES

SKIN: Wash thoroughly with soap and water. If irritation persists, call a physician or poison center.

EYES: Flush with water lifting upper and lower lids, 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: Do not induce vomiting, call a physician or poison center immediately.

## PRECAUTIONS FOR SAFE HANDLING AND USE

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

Clean up area by mopping with absorbent materials, like clay or mineral sorbents and place in a closed container for disposal.

### WASTE DISPOSAL METHOD

For unused material, contact local, state, and federal authorities for proper disposal guidelines.

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not expose to temperatures above 120° F. Avoid skin contact and do not get in eyes. Replace cap when not in use. Direct spray away from face.

## CONTROL MEASURES

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

#### RESPIRATORY PROTECTION (Specify Type)

If TLV is exceeded, use NIOSH or MSHA approved respirator for organic vapors.

#### VENTILATION: MECHANICAL (General)

Exhaust fans, are recommended.

#### LOCAL EXHAUST

Recommended.

#### PROTECTIVE GLOVES

Neoprene or nitrile rubber gloves, such as UNITED A392 recommended.

#### EYE PROTECTION

Chemical safety goggles, such as UNITED A393, recommended.

#### OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Long-sleeved shirts are recommended.

#### WORK HYGIENIC PRACTICES

Wash hands and face with soap and water after using this product.