

2-9-06

UNITED 121

UNITED

MATERIAL SAFETY DATA SHEET

LABORATORIES

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

PRODUCT IDENTIFICATION
UNITED 121
DEEP DOWN DEODORANT

USE / DESCRIPTION
Foaming Carpet
Deodorizer

REVISION DATE
February 10, 2003

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

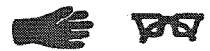
FLAMMABILITY (0 = Maximum Safety)

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.

2

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
Diethylene glycol monobutyl ether	112-34-5	Not established	Not established	Not established	Not established	0.064*
Propane	74-98-6	2500 ppm 4508 mg/m ³	Not established	1,000 ppm 1,800 mg/m ³	NIOSH TWA 1,000 ppm 1,800 mg/m ³	None
n-butane	106-97-8	800 ppm 1900 mg/m ³	Not established	Not established	NIOSH TWA 1000ppm 2400 mg/m ³	None

* Pounds of reportable material in one can of UNITED product.

PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT Not determined	SPECIFIC GRAVITY (H ₂ O = 1) 0.9503
VAPOR PRESSURE (psig) @ 130°F 110 psig	MELTING POINT Not determined
VAPOR DENSITY (Air = 1) Not determined	EVAPORATION RATE (Butyl Acetate = 1) Not determined
SOLUBILITY IN WATER Moderate	VOLATILE ORGANIC COMPOUNDS (V.O.C.) (Pounds Per Can Of Product) 0.083
APPEARANCE AND ODOR Aerosol foam w/citrus scent.	pH: 10-11

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used) This product is not required to be labeled flammable as described in 16CFR 1500.3 and 1500.45.	FLAMMABLE LIMITS % Volume in air (propellant)	LEL 1.9%	UEL 9.5%
---	--	-------------	-------------

EXTINGUISHING MEDIA
CO₂, dry chemical, water spray, or foam

SPECIAL FIRE FIGHTING PROCEDURES

Firefighters should wear full protective equipment and NIOSH-approved self contained breathing apparatus. Use water fog to cool containers as they may vent, rupture

or burst at temperatures greater than 120°F. Use equipment or shielding as necessary to protect personnel from venting, bursting or rupturing containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Although non-flammable by conventional Flame Projection Test, accumulated propellant vapors may be extremely flammable. Exposure to temperature over 120°F may cause bursting or venting.

REACTIVITY DATA

STABILITY:STABLE
UNSTABLE **CONDITIONS TO AVOID**

Do NOT store at temperature above 120° F.

INCOMPATIBILITY (Materials To Avoid)

Avoid oxidizing agents and open flames.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

When ignited, as in a fire, this product produces Carbon Monoxide, Carbon Dioxide, and hydrocarbon vapors.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
MAY OCCUR **CONDITIONS TO AVOID**

None known

HEALTH HAZARD DATA

HEALTH HAZARDS

EYES: May cause moderate irritation, redness SKIN: May cause irritation

INHALATION: Not hazardous when used according to label directions.

IF SWALLOWED: May cause upset stomach

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

EYES: Irritation, redness SKIN: Irritation, itching, dryness, redness

INHALATION: Nausea, dizziness IF SWALLOWED: Nausea, headache, vomiting

TARGET ORGANS:

Eyes

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE

None known

EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with water for at least 15 minutes while holding eyelids open. Call a physician or poison control center.

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

INHALATION: Remove to fresh air. Apply CPR if needed. Call a physician or poison control center.

IF SWALLOWED: DO NOT INDUCE VOMITING. Call a physician or poison control center immediately.

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove sparks, flames and other sources of ignition. Provide adequate ventilation. Soak up spills with chemically inert, absorbent material like clay or mineral sorbents.

Place in a closed container for disposal.

WASTE DISPOSAL METHOD

Do not puncture or incinerate cans. When contents are depleted, continue to depress button until all gas is expelled.

Consult local, state and federal authorities for proper disposal guidelines.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep this product in properly labeled, tightly closed containers. Store in a cool (120° F), well-ventilated area, away from heat and

other sources of ignition. Keep out of reach of children. NFPA 30B storage Level 1.

CONTROL MEASURES

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

RESPIRATORY PROTECTION (Specify Type)

None required if good ventilation is maintained. If TLV is exceeded, use NIOSH approved respirator.

VENTILATION: MECHANICAL (General)

Provide adequate ventilation

LOCAL EXHAUST

Generally adequate

PROTECTIVE GLOVES

Rubber gloves

EYE PROTECTION

Chemical safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Long sleeve shirts are recommended

WORK HYGIENIC PRACTICES

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