

UNITED**MATERIAL SAFETY DATA SHEET**

LABORATORIES

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

PRODUCT IDENTIFICATION
UNITED 170
GREASE GUN

USE / DESCRIPTION
Aerosol Lubricant

REVISION DATE
July 10, 2002

**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.

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.

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.

**PERSONAL
PROTECTION**

Recommended



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

HAZARDOUS COMPONENTS	CAS NUMBER	ACGIH TWA	ACGIH STEL	OSHA PEL TWA	OTHER RECOMMENDED LIMITS	S.A.R.A. TITLE III QUANTITIES
n-Hexane	110-54-3	SKIN: 50 ppm SKIN: 176 mg/m ³	Not established	500 ppm 1800 mg/m ³	NIOSH TWA 50 ppm 180 mg/m ³	0.344*
Propane	74-98-6	2500 ppm 4508 mg/m ³	Not established	1000 ppm 1800 mg/m ³	NIOSH TWA 1,000 ppm 1800 mg/m ³	None
Isobutane	75-28-5	Not established	Not established	Not established	NIOSH TWA 800 ppm 1900 mg/m ³	None
Petrolatum	8042-47-5	5 mg/m ³	Not established	5 mg/m ³	None	None
1-Decene, homopolymer	68037-01-4	5 mg/m ³	Not established	5 mg/m ³	Not established	None

* Pounds of reportable material per can of UNITED product.

PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT
Not determined

SPECIFIC GRAVITY (H₂O = 1)
0.724

VAPOR PRESSURE (mm Hg.)
(At 77° F) 40 psig

MELTING POINT
Not determined

VAPOR DENSITY (Air = 1)
> 1

EVAPORATION RATE
(Butyl Acetate = 1) < 1

SOLUBILITY IN WATER
Insoluble

VOLATILE ORGANIC COMPOUNDS (V.O.C.)
(Pounds Per Can Of Product) 0.543

APPEARANCE AND ODOR
Light beige grease with sweet ethereal odor

pH:
Not applicable

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)
Flammable 18" plus (flame projection)

FLAMMABLE LIMITS
Not determined

LEL
Not determined

UEL
Not determined

EXTINGUISHING MEDIA
Foam, dry chemical, carbon dioxide, halon

SPECIAL FIRE FIGHTING PROCEDURES

Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus. Keep containers cool with water spray. Do not allow runoff to

enter sewers or other public water courses. Use equipment or shielding required to protect against bursting, rupturing, or venting containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Exposure to temperatures (above 120° F) may cause bursting rupturing, or venting containers.

REACTIVITY DATA

STABILITY:STABLE ☒
UNSTABLE ☐**CONDITIONS TO AVOID**

Storage temperatures above 120° F

INCOMPATIBILITY (Materials To Avoid)

Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BY PRODUCTS

When strongly heated, as in a fire, this product will decompose to carbon monoxide and carbon dioxide.

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

Storage temperatures above 120°F

HEALTH HAZARD DATA

HEALTH HAZARDS

EYES: May cause irritation, redness or watering SKIN: May cause irritation to persons with sensitive condition.

INHALATION: Overexposure may cause nausea, vomiting, upper respiratory discomfort. IF SWALLOWED: May cause nausea, headache, vomiting, stomach discomfort

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, watering SKIN: Irritation

INHALATION: Nausea, vomiting, upper respiratory discomfort. IF SWALLOWED: Nausea, headache, vomiting, stomach discomfort

TARGET ORGANS:

None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE

Skin sensitivity, chemical allergies

EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with plenty of cool water for at least 15 minutes while holding eyelids open. If irritation persists, 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 as needed. If irritation

persists, 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

Use non-combustible, absorbent material, like clay or mineral sorbents to soak up material. Place material in a closed container for proper disposal.

WASTE DISPOSAL METHOD

Do not puncture or incinerate containers. 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

Do not expose to temperatures exceeding 120°F. Store in a cool, well-ventilated area, away from sources of ignition.

Keep containers tightly closed when not in use. NFPA 30B Storage Level Number: 2

CONTROL MEASURES

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

RESPIRATORY PROTECTION (Specify Type)

If TLV is exceeded, use NIOSH / MSHA approved respirator.

VENTILATION: MECHANICAL (General)

Provide adequate ventilation

LOCAL EXHAUST

Generally adequate

PROTECTIVE GLOVES

For continued or repeated exposure, use rubber gloves.

EYE PROTECTION

Safety glasses or chemical goggles recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Long-sleeved shirts and long pants are recommended.

WORK HYGENIC PRACTICES

Wash hands and face with soap and water after using this product. Do not smoke while using.