



**MATERIAL SAFETY DATA SHEET**

LABORATORIES

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

**PRODUCT IDENTIFICATION**  
UNITED 139

**USE / DESCRIPTION**  
Aerosol Dry Spray  
Lubricant and Release Agent

**REVISION DATE**  
June 30, 2001

**FOR MEDICAL AND TRANSPORTATION EMERGENCIES:**  
INFOTRAC: 800-535-5053

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

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

**FLAMMABILITY (0 = Maximum Safety)** **3**  
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**



**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
Isoparaffinic hydrocarbon	64741-66-8	400 ppm	Not established	400 ppm	None	None
Polytetrafluoroethylene	9002-84-0	10 mg/m <sup>3</sup> (inert dust)	Not established	10 mg/m <sup>3</sup> (inert dust)	None	None
Liquified petroleum gas	68476-85-7	1000 ppm 1800 mg/m <sup>3</sup>	Not established	1000 ppm 1800 mg/m <sup>3</sup>	NIOSH TWA 1000 ppm 1800 mg/m <sup>3</sup>	None

**PHYSICAL / CHEMICAL CHARACTERISTICS**

<b>BOILING POINT</b> Approximately 200°F	<b>SPECIFIC GRAVITY (H:0 = 1)</b> 0.761
<b>VAPOR PRESSURE (psig)</b> (At 70° F.) 45	<b>MELTING POINT</b> Not determined
<b>VAPOR DENSITY (Air = 1)</b> Greater than 1	<b>EVAPORATION RATE</b> (Butyl Acetate = 1) Not determined
<b>SOLUBILITY IN WATER</b> Slight	<b>VOLATILE ORGANIC COMPOUNDS (V.O.C.)</b> (Pounds Per Can Of Product) 0.594
<b>APPEARANCE AND ODOR</b> Clear liquid with solvent odor	<b>pH:</b> Not applicable

**FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT (Method Used)</b> Concentrate 40°C (TOC) Extremely flammable as per USA Flame Projection Test	<b>FLAMMABLE LIMITS</b> Not determined	<b>LEL</b> Not determined	<b>UEL</b> Not determined
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**EXTINGUISHING MEDIA**  
Dry chemicals, carbon dioxide, foam

**SPECIAL FIRE FIGHTING PROCEDURES**  
Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

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

**UNUSUAL FIRE AND EXPLOSION HAZARDS**  
Temperatures greater than 120°F may result in cans rupturing, venting, and exploding.

## REACTIVITY DATA

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

Do not expose to temperatures above 120°F.

**INCOMPATIBILITY (Materials To Avoid)**

Avoid contact with oxidizers.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Oxides of carbon

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

None known

## HEALTH HAZARD DATA

**HEALTH HAZARDS**

EYES: May cause slight irritation but does not injure eye tissue SKIN: Frequent or prolonged contact may cause irritation.

INHALATION: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea, and other central nervous system effects. IF SWALLOWED: Can cause gastrointestinal irritation, nausea,

vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

**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 SKIN: Irritation INHALATION: Dizziness, nausea, CNS effects IF SWALLOWED: Gastrointestinal irritation, nausea, vomiting, diarrhea

**TARGET ORGANS**

Respiratory system

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE**

Chronic overexposure may cause liver, kidney or lung disease, anemia, coronary disease or rhythm disorders of the heart.

**EMERGENCY AND FIRST AID PROCEDURES**

EYES: Flush with plenty of water for at least 15 minutes. Call a physician or poison center. SKIN: Wash with soap and water and remove contaminated clothing.

If irritation persists, call a physician or poison center. INHALATION: Remove to fresh air immediately. Apply CPR as needed. Call a physician or poison center immediately. IF SWALLOWED: DO NOT induce vomiting. Aspiration of material into lungs may cause chemical pneumonitis.

Call a physician or poison center immediately.

## PRECAUTIONS FOR SAFE HANDLING AND USE

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

Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. Keep sparks, heat sources and open flame far away from spill or leak.

Cover with absorbent material and sweep up. Wash area to prevent slipping.

**WASTE DISPOSAL METHOD**

Do not puncture or incinerate containers. Consult local, state, and federal authorities for proper disposal guidelines.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Do not store above 120°F as cans may vent, rupture, and burst. Store as NFPA Code 30B Rating: Level 3 Aerosol.

## 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.

**VENTILATION: MECHANICAL (General)**  
Provide adequate ventilation**LOCAL EXHAUST**  
Generally adequate**PROTECTIVE GLOVES**  
Chemical-resistant gloves**EYE PROTECTION**  
Chemical safety goggles**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**  
Long sleeves are recommended.**WORK HYGENIC PRACTICES**

Remove contaminated clothing immediately and wash with soap and water before re-using. Wash hands and face with soap and water after using this product.