



MATERIAL SAFETY DATA SHEET

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 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 139 DRY SPRAY LUBRICANT

USE/DESCRIPTION
 Dry Spray Lubricant and Release Agent

REVISION DATE
 March 15, 2006

HEALTH (0 = Maximum Safety) 2

Always follow Label Directions and Cautions.

4 Extreme 3 High 2 Moderate 1 Slight 0 Minimal

See Hazards Identification Section of this MSDS 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.
- 3 Ignites at normal temperature.
- 2 Ignites when moderately heated.
- 1 Must be preheated to burn.
- 0 Will not burn.

PERSONAL PROTECTION



2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV)	OSHA (PEL)	LD50 (Species/Route)	LC50 (Species)
Isoparaffinic hydrocarbon	64741-66-8	30-60	400 ppm	400 ppm	NE	NE
3,3-Dichloro-1,1,1,2,2-pentafluoropropane	422-56-0	1-5	NE	50 ppm	NE	NE
Polytetrafluoroethylene	9002-84-0	1-5	10 mg/m3 dust	10 mg/m3 dust	NE	NE
Liquified petroleum gas	68476-85-7	30-60	1000 ppm	1000 ppm	NE	NE

3. HAZARDS IDENTIFICATION

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.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

4. FIRST AID MEASURES

Eyes: Immediately flush with plenty of water for at least 15 minutes. Seek medical attention.

Skin: Wash with soap and plenty of water. If symptoms develop, seek medical attention.

Inhalation: Remove to fresh air. If symptoms develop, seek medical attention. If not breathing, give artificial respiration.

Ingestion: DO NOT induce vomiting. Get medical attention immediately. If vomiting occurs, have victim lean forward to reduce risk of aspiration.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): NA

Explosive Limits: Lower (LEL): ND Upper (UEL): ND

Flame Projection (Aerosol): Extremely Flammable per 16 CFR 1500.3 and 1500.45.

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

Fire and Explosion Hazards: Exposure to temperature above 120 F may cause bursting.

Extinguishing Media: Foam; Carbon dioxide; Dry media

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water to prevent vapor pressure build up.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Remove sources of ignition and ventilate area. Soak up with an inert absorbent and place in designated disposal container. Wash area thoroughly.

Large Spills: Remove sources of ignition and ventilate area. Soak up with an inert absorbent and place in designated disposal container. Wash area thoroughly.

7. HANDLING AND STORAGE

Keep away from heat, sparks, and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Store as NFPA 30B Level 3 Aerosol.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses

Skin: Chemical resistant gloves

Respiratory: None required if good ventilation is maintained.

Engineering Controls: Mechanical ventilation recommended when handling in enclosed/tight spaces.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 200F/93C **Specific Gravity:** 0.764 (H₂O=1) **Vapor Pressure:** 45 psig **Melting Point:** ND

Vapor Density: >1 (Air=1) **Evaporation Rate:** ND **Solubility in Water:** Negligible **pH:** NA

Appearance and Odor: Aerosol, white liquid with solvent scent

10. STABILITY AND REACTIVITY

Hazardous Polymerization: NA

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

Chemical Stability: Stable

Incompatibility: Oxidizing agents such as bleach.

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

ND

13. DISPOSAL CONSIDERATIONS

Consult your local, state and federal regulations for proper disposal guidelines. Do not puncture or incinerate containers. Disposal regulations may be different for each state and/or locality.

14. TRANSPORT INFORMATION

DOT: Available upon request

TDG: Available upon request

UN: Available upon request

15. REGULATORY INFORMATION

VOC(Volatile Organic Compounds): 94% by wt.

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: None

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: 3,3-Dichloro-1,1,1,2,2-pentafluoropropane C# 422-56-0

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.