



MATERIAL SAFETY DATA SHEET

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To Reorder Call:
800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
UNITED 139 DRY SPRAY LUBRICANT

USE/DESCRIPTION
Dry Spray Lubricant and Release Agent

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
24 Hour INFOTRAC (US and CANADA) 800-535-5053
REVISION DATE
June 3, 2014

HMIS III HEALTH (0 = Maximum Safety) 1

Always follow Label Directions and Cautions.

* Chronic	2 Moderate
4 Severe	1 Slight
3 Serious	0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

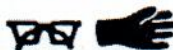
4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

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: B



2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Isoparaffinic hydrocarbon	64741-66-8	25 - 35	*281 ppm	N/E	NE	NE
Heptane, branched, cyclic, and linear	426260-76-6	10 - 20	400 ppm	500 ppm	NE	NE
Isopropyl alcohol	67-63-0	1 - 10	200 ppm	400 ppm	NE	NE
Polytetrafluoroethylene	9002-84-0	1 - 10	*10 mg/m3	NE	NE	NE
Liquefied Petroleum Gas	68476-86-8	40 - 50	1000 ppm	1000 ppm	NE	NE

* Manufacturer's recommended 8-hour exposure limit (TWA)

3. HAZARDS IDENTIFICATION

Eyes: May cause chemical and mechanical irritation with symptoms including redness, swelling, pain, tearing, corneal abrasion, and blurred or hazy vision.

Skin: Prolonged or frequent contact may cause irritation and possibly dermatitis.

Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, anesthesia, dizziness, headache, rapid breathing, narcosis, and other central nervous system effects, including unconsciousness and death.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea and abdominal pain. Aspiration of material into the lungs can cause chemical pneumonitis, possibly progressing to death.

4. FIRST AID MEASURES

Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

Skin: Wash with soap and water. If irritation persists seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.

Ingestion: DO NOT induce vomiting. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): 15°F/ -9.4°C

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

Flame Projection (Aerosol): Based on CSMA Flame Projection Test Extremely Flammable Spray.

Hazardous Products of Combustion: When strongly heated, as in a fire, this product may produce oxides of carbon, hydrochloric acid, hydrofluoric acid, perfluoroisobutylene, and possibly carbonyl halides.

Fire and Explosion Hazards: At elevated temperatures (above 120°F/49°C) containers may vent, rupture, or burst, greatly increasing the fire hazard.

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical.

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing in chemical fires. Cool fire exposed containers to prevent rupturing.

6. ACCIDENTAL RELEASE MEASURES

Small/Large Spills: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. 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. Dispose of soaked absorbent material in accordance with Federal, State, and local laws.

7. HANDLING AND STORAGE

Keep out of reach of children. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120°F/49°C. For Industrial and Institutional use only. NFPA Code 30B rating – Level 3 Aerosol.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses or chemical splash goggles are recommended when working with chemicals.

Skin: Chemical resistant gloves are recommended if hand contact will be made.

Respiratory: None needed for proper use in accordance with label directions. If ventilation is not adequate to reduce vapors below TLV levels, use a NIOSH approved air purifying respirator with organic vapor cartridges.

Engineering Controls: Provide local exhaust to keep vapor below TLV levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 180°F/82.2°C **Specific Gravity:** 0.745 (H₂O=1) **Vapor Pressure:** 50 psig @ 72F **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: Will not occur.

Hazardous Decomposition: When strongly heated, as in a fire, this product may produce carbon monoxide, carbon dioxide, hydrochloric acid, hydrofluoric acid, perfluoroisobutylene, and possibly carbonyl halides.

Chemical Stability: Stable

Incompatibility: Avoid strong oxidizing agents.

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

Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult your local, state, provincial, 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): 98.12%

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: ND

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: None

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.

UNITED 139 DRY SPRAY LUBRICANT

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