

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product identifier**

**Product Name** United 139 DRY SPRAY LUBRICANT

**Other means of identification**

**SDS#** UNITED 139

**Recommended use of the chemical**

**And restrictions on use**

**Recommended use** Dry Spray Lubricant and Release Agent.  
**Uses Advised Against** For industrial and institutional use only.

**Details of the supplier of the safety data sheet**

**Company Name**

United Laboratories, Inc.  
320 37th Avenue  
St. Charles, IL 60174  
www.unitedlabsinc.com

**Emergency telephone number**

**Emergency Telephone** 800-323-2594 (to reorder)  
INFOTRAC 1-800-535-5053 (North America)  
1-352-323-3500 (International)

**2. HAZARDS IDENTIFICATION**

**Classification**

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable Aerosol	Category 1
Skin Irritation	Category 2
Eye irritation	Category 2A
Aspiration Hazard	Category 1
Specific target organ toxicity (single exposure)	Category 3
Gas under pressure	Liquified gas

**Label elements**

**Emergency Overview**

**Danger**

**Hazard statements**

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin and eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

This product contains percentage of chemicals of unknown toxicity: Not applicable.



**Appearance** White Liquid

**Physical state** Aerosol

**Odor** Solvent

**Prevention**

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Do not breathe in fumes, vapors, and spray. Wear eye/face protection and protective gloves.

**Response**

If inhaled: Remove individual to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and able to do so. Continue rinsing. Call poison center or physician if you feel unwell. If eye irritation persists: Get medical advice/attention. Do not handle until all safety precautions have been read and understood. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash before reuse. If exposed or concerned: Get medical advice or attention. If swallowed: Immediately call poison center or physician. Do not induce vomiting.

**Storage**

Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep container tightly closed. Store in a well-ventilated place.

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)**

Not classified.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%	Trade Secret
Heptane	142-82-5	30-40	*
Isopropyl Alcohol	67-63-0	15-25	*
Propane	74-98-6	15-25	*
N-Butane	106-97-8	15-25	*
Naphtha (petroleum), light alkylate	64741-66-8	1-5	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES**

**First aid measures**

**Skin Contact**

If on skin: Wash with plenty of water. If skin irritation occurs; get medical attention.

**Eye contact**

If in eyes: Rinse cautiously with water several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**Inhalation** If inhaled: Remove individual to fresh air and keep comfortable for breathing. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Call poison control or physician if irritation persists.

**Ingestion** If swallowed: Rinse mouth. Do not induce vomiting. Get medical attention or advice.

**Most important symptoms and effects, both acute and delayed**

Eyes: Tearing, redness and blurred vision. Skin: Defatting and dermatitis. Inhalation: Anesthetic, irritation, Central Nervous System depression. Oral: Abdominal irritation, nausea, vomiting, diarrhea, aspiration risk. Repeated or prolonged exposure may be toxic to kidneys, liver, skin central nervous system (CNS).

**Notes to Physician** If ingested, material may be aspirated into the lungs and may cause chemical pneumonitis. Provide general supportive measures and treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**  
Foam. Carbon Dioxide and Dry Chemical.

**Unsuitable extinguishing media** Water spray/stream.

**Specific hazards arising from the chemical**  
Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. May develop a flammable atmosphere in confined areas.

**Protective equipment and special firefighting procedures**  
Firefighters must wear an approved NIOSH self-contained breathing apparatus with a full-face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers. Shut off all sources of ignition.

**Hazardous Combustion Products**  
Oxides of carbon, low molecular weight hydrocarbons.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Keep unnecessary personnel away. Refer to Section 8 for proper Personal Protective Equipment.

**Methods and material for containment and cleaning up**

**Methods for containment  
And methods of cleaning up** Clean up with non-combustible material like vermiculite, sand or earth. If many cans are opened remove ignition sources. Prevent spill from entering sewers, storm drains, and natural waterways.

**Waste Disposal** Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers.

**RCRA Status** Waste likely considered hazardous, D001, under RCRA, (Ignitable waste) however product should be fully characterized prior to disposal (40 CFR 261).

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** Use only with adequate ventilation. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Store in cool, dry, ventilated area. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Use only in ventilated areas. Keep out of reach of children.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Pressurized container. Do not puncture, incinerate or crush. Do not expose to direct sunlight, exceeding 50°C/122°F. Store in well-ventilated area.

**Incompatible materials** Oxidizing agents. Avoid heat, sparks and open flame.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines** No Exposure limits noted for ingredient(s).

Chemical Name	ACGIH TLV	OSHA PEL
Heptane	400 ppm	400 ppm
Isopropyl Alcohol	200 ppm	400 ppm
Propane	1000 ppm	1000 ppm
Butane	1000 ppm	Not established
Naphtha(petroleum), light alkylate	Not established	Not established

**Appropriate engineering controls**

**Engineering Controls** Use only outdoors or in well-ventilated area.

**Individual protection measures, such as personal protective equipment**

- Eye/face protection** Safety glasses / safety goggles.
- Skin and body protection** Wear chemical resistant gloves.
- Respiratory protection** If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed. Use only in well ventilated areas.

**General Hygiene** Always observe good personal hygiene measures, such as washing hand thoroughly after handling the material and before eating, drinking, and/or smoking. Clean contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state** Aerosol  
**Appearance** White Hazy Spray  
**Color** White  
**Odor** Petroleum

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No Information available.	
Viscosity	No Information available.	
Melting point/freezing point	No Information available.	
Flash point	No information available.	
Boiling point and Boiling range	No information available.	
Evaporation rate	No information available.	
Flammability (solid, gas)	Extremely flammable aerosol.	
Upper flammability limit:	No information available.	
Lower flammability limit:	No information available.	

<b>Vapor pressure</b>	No information available.
<b>Vapor density</b>	No information available.
<b>Water solubility</b>	Non-soluble in the water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition temperature</b>	No information available.
<b>VOC (weight %)</b>	98.8% estimated

**10. STABILITY AND REACTIVITY**

**Reactivity**

No information available.

**Chemical stability**

Material is stable at normal conditions.

**Possibility of Hazardous Reactions**

None known.

**Conditions to avoid**

Avoid temperatures greater than 122°F and sources of ignition.

**Hazardous Decomposition Products**

Oxides of Carbon.

**Incompatibility**

Avoid heat, flame and contact with strong oxidizing agents.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

<b>Inhalation</b>	May cause irritation to the respiratory tract, dizziness, headaches, drowsiness, unconsciousness and other central nervous system effects including death with excessive or prolonged exposure.
<b>Eye contact</b>	Causes eye irritation. This could result in redness, tearing, blurred vision and pain.
<b>Skin Contact</b>	Brief contact is not irritating. May cause irritation, dryness, redness, localized defatting with prolonged or repeated contact. Removes natural oils and fats from skin.
<b>Ingestion</b>	May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, dizziness, drowsiness, signs of intoxication, incoordination, and slurred speech depending on the amount ingested. Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia or edema.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Bronchitis, asthma, emphysema and other lung diseases and chronic nose, sinus or throat conditions. Skin irritation may be aggravated in individuals with existing skin disorders.

**Information on toxicological effects**

<b>Acute toxicity</b>	Harmful to eyes, causing redness, tearing and blurred vision. May cause abdominal irritation, nausea, vomiting and diarrhea, if swallowed. Dermatitis may occur to the skin if long- term irritation. If inhaled may cause irritation, anesthetic, central nervous system depression.
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Chemical Name	Dermal LD50	Oral LD540	Inhalation LC50
Heptane (142-82-5)	-	-	1600 ppm Vapors, Mice
Isopropyl Alcohol (67-63-0)	12870 mg/kg (Rabbit)	5045 mg/kg (Rat)	78.6 mg/L 4 hours (Rat)

**Skin/Eye irritation** Causes skin irritation and eye irritation.  
**Sensitization** This product is not expected to cause skin sensitization.  
**Germ cell mutagenicity** No information available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.  
**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.  
**Reproductive toxicity** No information available.  
**Aspiration hazard** No information available.  
**Acute effects** Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, Central Nervous System depression. Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk. Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system (CNS).  
**Chronic effects**

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**  
 Avoid release to the environment.

**Persistence and degradability**  
 Component or components of this product are not biodegradable.

**Bioaccumulation**  
 This product is not expected to bioaccumulate.

**Soil Mobility**  
 This product is mobile in soil.

**Other adverse effects**  
 None Known.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not dump in sewers.

**US RCRA Status** Waste likely considered hazardous, D001, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**Waste from residues/unused products** Dispose in accordance with local regulations.

**14. TRANSPORT INFORMATION**

**DOT**  
**UN/ID No.** UN1950  
**Proper shipping name** Aerosols, Limited Quantity  
**Transport hazard class(es)** 2.1  
**Packing group** N/A

**IATA**

<b>UN/ID No.</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, flammable
<b>Transport hazard class(es)</b>	2.1
<b>Packing group</b>	N/A

**IMDG**

<b>UN/ID No.</b>	UN1950
<b>Proper shipping name</b>	Aerosols, Limited Quantity
<b>Transport hazard class</b>	2.1
<b>Packing group</b>	N/A

**Environmental Class**

<b>Marine Pollutant</b>	Yes.
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**15. REGULATORY INFORMATION**

**International Inventories**

Yes\* - Canadian Domestic Substance List (DSL)

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory-Yes\*

\*A Yes indicates that all components of this product comply with the inventory requirements administered by the governing county(s). A No indicates that one or more components of the product are no listed or exempt from listing on the inventory administered by the governing country(s).

**US Federal Regulations**

**Superfund Amendments and Reauthorization Act of 1986**

<b>Acute health hazard</b>	Yes
<b>Delayed hazard</b>	Yes
<b>Fire hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**SARA 313 (TRI reporting)**

None Known.

**SARA 311/312**

Fire hazard. Flammable (gases, aerosols, liquids, solids). Gas under pressure. Skin corrosion or irritation. Serious eye damage or eye irritation. Specific target organ toxicity (single or repeated exposure). Aspiration hazard.

**CERCLA**

This material, as supplied, does not contain a substance regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**US State Regulations**

Heptane (142-82-5) Director's List of Hazardous Substances: CA; Toxic Substances Disclosure to Employees Act: IL; Right-to-Know: MA, MN, NJ, PA, RI. Isopropyl Alcohol (67-63-0) Director's List of Hazardous Substances: CA; Toxic Substances Disclosure to Employees Act: IL; Right-to-Know: FL, NJ, PA, MN, MA, RI.

**California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**16. OTHER INFORMATION**

<u><b>NFPA</b></u>	Health hazards 1	Flammability 3	Instability 0	<b>Physical and Chemical Properties -</b>
<u><b>HMIS</b></u>	Health hazards 1	Flammability 3	Physical hazards 0	<b>Personal protection B</b>

<b>Issue Date</b>	17-June-2015
<b>Revision Date</b>	15-Oct-2021
<b>Revision Note</b>	Regulatory revisions

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**