



Safety Data Sheet

Issue Date 08-Nov-2018

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Version 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 101 Moisture Barrier and Electrical Lubricant

Other means of identification

SDS# UNITED-101

Recommended use of the chemical

And restrictions on use

Recommended use Moisture Barrier and Electrical Lubricant

Uses Advised Against For institutional and industrial 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)

Dissolved Gas	Gas under pressure
Reproductive toxicity (fertility)	Category 2
Aspiration hazard	Category 1

Label elements

Emergency Overview

Danger

Hazard statements

Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Suspected of damaging fertility or the unborn child.

This product contains the following percentage of chemicals of unknown toxicity: 0%.



Prevention

Keep away from heat, sparks, open flames and hot surfaces. No smoking. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Obtain special instruction before use. Do not handle until all precautions have been read and understood. Wear protective gloves, clothing and eye protection.

Response

If exposed or concerned: Get medical advice/attention. If swallowed: Immediately call a poison center or doctor. Do not induce vomiting.

Storage

Store in well-ventilated place. Store locked up. Protect from sunlight.

Disposal

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

Hazard(s) not otherwise classified (HNOC)

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Mineral Oil	8042-47-5	75-95	*
Carbon Dioxide	124-38-9	1-5	*
Octamethylcyclotetrasiloxane	556-67-2	1-5	*
Petroleum Naphtha	Confidential	0.1-1	*

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

4. FIRST AID MEASURES

First aid measures

Skin Contact

Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

Eye contact

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

Inhalation

Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Get medical attention if irritation develops.

Ingestion

If swallowed: Immediately call a poison center or doctor. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed

Acute Health Hazards: Eyes: redness, tearing, blurred vision. Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration hazard. No known chronic health hazards.

Indication of any immediate medical attention and special treatment needed and general information

If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Foam. Dry chemical. Carbon Dioxide (CO2)

Unsuitable extinguishing media Water spray/stream

Specific hazards arising from the chemical

Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

Protective equipment and precautions for firefighters

Firefighters must use self-contained breathing apparatus and full protective clothing.

Special fire-fighting procedures

Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.

Hazardous Combustion products

Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, refer to Section 8 of the SDS.

Methods and material for containment and cleaning up

Methods for containment and cleaning up In case of spill: remove all sources of ignition, ventilate, avoid breathing vapors and remove all inert absorbent.

Waste Disposal Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA Status Waste likely considered hazardous under RCRA; however, product should be fully characterized prior to disposal (40CFR261).

7. HANDLING AND STORAGE

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store locked up. Pressurized container: do not pierce or burn, even after use. Do not expose to temperatures exceeding 50°C/122°F.

Incompatible materials Strong oxidizing agents, strong reducing agents, some plastics.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls

Chemical Name	OSHA – PEL	ACGIH
Carbon Dioxide 124-38-9	PEL: 5000 ppm	TWA: 5000 ppm
Mineral Oil 8042-47-5	PEL: 5mg/m ³	10mg/m ³
Octamethylcyclotetrasiloxane 556-67-2	Not Established	Not Established
Petroleum Naphtha	PEL: 100 ppm	100 ppm

Engineering Controls Good general ventilation adequate.

Individual protection measures, such as personal protective equipment

- Eye/face protection** Safety glasses.
- Skin and body protection** Wear appropriate chemical resistant gloves. Wash hands thoroughly after handling.
- Respiratory protection** No required with adequate ventilation.

General Hygiene Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Aerosol
Appearance Amber spray
Color Amber
Odor Bland odor

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No Information available.	
Specific Gravity	No information available.	
Viscosity	No Information available.	
Melting point/freezing point	No Information available.	
Flash point	200°F (93°C) estimated.	

Boiling point/boiling range	No information available.	
Evaporation rate	<1	
Flammability Limit – lower	No information available.	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR1910.1200)
Flammability Limit – upper	No information available.	
Vapor pressure	No information available.	
Vapor density	>2	
Relative density	0.80-0.90@77°F (25°C)	
Water Solubility	Non-soluble in water	
Partition coefficient (n-octanol/water)	No information available.	
Auto-ignition temperature	No information available.	
Decomposition temperature	No information available.	
Viscosity	No information available.	
VOC (weight %)	<1%	

10. STABILITY AND REACTIVITY

Reactivity

This product is stable and not-reactive under normal conditions of use, storage and transport.

Chemical stability

Material is stable at normal conditions.

Possibility of Hazardous Reactions

None known.

Conditions to avoid

Temperatures greater than 122°F and sources of ignition.

Incompatible materials

Strong oxidizing agents, strong reducing agents, some plastics.

Hazardous Decomposition Products

No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Causes dizziness, excessive or prolonged exposure may cause unconsciousness.
Eye contact	Causes irritation, redness and tearing.
Skin Contact	May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.
Ingestion	May cause gastrointestinal irritation, nausea, diarrhea, vomiting, aspiration hazard.
Medical condition aggravated	Pre-existing conditions of the skin, liver, CNS, and kidneys.

Information on toxicological effects

Acute toxicity Eyes: redness, tearing, blurred vision. Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk.

Chemical Name	Dermal LD50	Oral LD50	Inhalation LC50
Octamethylcyclotetrasiloxane 556-67-2	>0.9 mg/kg LC ₅₀ (Rat 4hr) 36 g/m ³	1540 mg/kg (Rat)	-
Mineral Oil 8042-47-5	>2000 mg/kg. (Rabbit)	>5000 mg/kg (Rat)	-

*Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.
Serious eye damage/irritation Redness, tearing or blurred vision may occur.
Ingestion Abdominal irritation, nausea, vomiting, diarrhea, aspiration risk.
Carcinogenicity OSHA: No ACGIH: No NTP: No IARC: No
Chronic health hazards None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not Established.

Persistence and degradability

Components 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

No other adverse effects known with this product.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal Considerations

Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA Status

Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40CFR261).

14. TRANSPORT INFORMATION

DOT

UN/ID No. UN1950
Proper shipping name Aerosols
Hazard class(es)/division 2.2
Packaging exceptions Not applicable.
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IATA

UN/ID No. UN1950
UN proper shipping name Aerosols, Ltd. Qty.
Hazard class(es)/division 2.2
Packing group Not applicable.

IMDG

UN/ID No. UN1950
 Proper shipping name Aerosols, Ltd. Qty.
 Hazard class(es)/division 2.2
 Packing group Not applicable

Environmental hazards Not applicable
 Marine pollutant

15. REGULATORY INFORMATION

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

International Inventories

Australia, Canada, China, Japan, Korea, New Zealand, Philippines, United States & Puerto Rico – Listed.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory - Listed

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

US State Regulations

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is known to contain a chemical known to the state of California to cause cancer. (Cumene, 98-82-8).

16. OTHER INFORMATION

HMIS	Health hazards 1	Flammability 1	Reactivity 0	Personal protection A
NFPA	Health hazards 1	Flammability 1	Reactivity 1	Special hazards -

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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. 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