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)

<table>
<thead>
<tr>
<th>Dissolved Gas</th>
<th>Gas under pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reproductive toxicity (fertility)</td>
<td>Category 2</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Category 1</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Oil</td>
<td>8042-47-5</td>
<td>75-95</td>
<td>*</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Octamethylcyclotetrasiloxane</td>
<td>556-67-2</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Petroleum Naphtha</td>
<td>Confidential</td>
<td>0.1-1</td>
<td>*</td>
</tr>
</tbody>
</table>

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

4. FIRST AID MEASURES

First aid measures

Skin Contact
Immediately was 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
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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA – PEL</th>
<th>ACGIH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Dioxide</td>
<td>PEL: 5000 ppm</td>
<td>TWA: 5000 ppm</td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>PEL: 5mg/m³</td>
<td>10mg/m³</td>
</tr>
<tr>
<td>Octamethylcyclotetrasiloxane</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Petroleum Naphtha</td>
<td>PEL: 100 ppm</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Aerosol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Amber spray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Amber</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Bland odor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>No Information available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>No Information available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>No Information available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No Information available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>200°F (93°C) estimated.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Boiling point/boiling range
Evaporation rate
Flammability Limit – lower
Flammability Limit – upper
Vapor pressure
Vapor density
Relative density
Water Solubility
Partition coefficient (n-octanol/water)
Auto-ignition temperature
Decomposition temperature
Viscosity
VOC (weight %)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point/boiling range</td>
<td>No information available.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Flammability Limit – lower</td>
<td>No information available.</td>
</tr>
<tr>
<td>Flammability Limit – upper</td>
<td>No information available.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>&gt;2</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.80-0.90@77°F (25°C)</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Non-soluble in water</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>No information available.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No information available.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available.</td>
</tr>
<tr>
<td>VOC (weight %)</td>
<td>&lt;1%</td>
</tr>
</tbody>
</table>

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

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

Information on toxicological effects

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Eyes: redness, tearing, blurred vision. Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk.</td>
</tr>
</tbody>
</table>
Chemical Name | Dermal LD$_{50}$ | Oral LD$_{50}$ | Inhalation LC$_{50}$
---|---|---|---
Octamethylycyclotetrasiloxane 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 -

Issue Date 08-Nov-2018
Revision Date 15-Apr-2019
Revision Note Revised Sections 3, 6, 8, 10,12 and 15

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