



LABORATORIES

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Version 2

# Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name** United 106 SILICONE LUBRICANT

### Other means of identification

**SDS#** UNITED 106

### Recommended use of the chemical

#### And restrictions on use

**Recommended use** Food Grade Multi-Purpose Dry Spray  
**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
Liquefied Gas	
Skin irritation	Category 2
Eye irritation	Category 2A
Aspiration hazard	Category 1
Specific target organ toxicity (single exposure)	Category 3

### Label elements

#### Emergency Overview

## Danger

#### Hazard statements

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. This product contains the following percentage of chemicals of unknown toxicity: 0%.

**Appearance** Clear**Physical state** Aerosol**Odor** Alcohol**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. Protect from sunlight. Wash hands thoroughly after handling. Wear protective gloves and eye protection.

**Response**

Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. 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 attention. Avoid breathing fumes, mist, vapors and spray. If inhaled: Remove person to fresh air and keep comfortable for breathing. Use only outdoors or in a well-ventilated area. If swallowed: Immediately call a poison center or physician. Do not induce vomiting.

**Storage**

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.

**Disposal**

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

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

Not applicable.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Acetone	67-64-1	30-60%	*
Heptane	142-82-5	10-30%	*
Propane/n-Butane	68476-86-8	30-60%	*

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

### 4. FIRST AID MEASURES

**Skin Contact**

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

**Eye contact**

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**

Remove individual to fresh air and keep comfortable for breathing. Call poison control or physician if you feel unwell.

**Ingestion**

Rinse mouth. Do not induce vomiting. Get medical advice.

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

Eyes: tearing, redness and blurred vision. If inhaled it may cause drowsiness and dizziness. If ingested, it may cause abdominal irritation, nausea, vomiting and diarrhea. Dermatitis and defatting may occur with skin.

**Indication of any immediate medical attention and special treatment needed**

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

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

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. Contents under pressure. Do not spray on an open flame or other ignition source. No smoking.

**Protective equipment and precautions for firefighters**

Firefighters must use standard protective equipment, with 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. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

**Hazardous Combustion Products**

Oxides of carbon.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures****Personal precautions**

Keep unnecessary personnel away. Wear appropriate protective equipment. For personal protection, see Section 8 of the SDS.

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

Eliminate all sources of ignition. Absorb spill with non-combustible material, such as, vermiculite, sand or earth. Clean up with mop or rag.

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

**7. HANDLING AND STORAGE****Precautions for safe handling****Advice on safe handling**

Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Keep out of reach of children.

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

Store locked up. 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**

Strong alkalis, oxidizers, bases, reactive metals, and natural rubber.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

No Exposure limits noted for ingredient(s).

Chemical Name	ACGIH TLV	OSHA PEL
Acetone (67-64-1)	500 ppm	1000 ppm
Heptane (142-82-5)	400 ppm	500 ppm
Propane/n-Butane (68476-86-8)	1000 ppm	1000 ppm

**Appropriate engineering controls**

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

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

**Eye/face protection** Wear safety glasses.

**Skin and body protection** Wear chemical resistant gloves.

**Respiratory protection** Wear a NIOSH/MSHA approved organic vapor respiratory protection if listed exposure limits (Section 8) are exceeded.

**General Hygiene** Always observe good personal hygiene measures, such as washing after handling the material.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

**Physical state** Aerosol  
**Appearance** Clear, colorless spray  
**Color** Clear  
**Odor** Solvent

<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	<5°F.	
Boiling point and Boiling range	<200°F	
Evaporation rate	>3 Fast.	
Flammability (solid, gas)	Extremely flammable aerosol.	
Upper flammability limit:	No information available.	
Lower flammability limit:	No information available.	
Vapor pressure	>36 mm HG@ 25°C (77°F)	
Vapor density	4.5	
Relative density	0.74-0.77	
Water solubility	0%	
Partition coefficient	No information available.	
Auto-ignition temperature	No information available.	
Decomposition temperature	No information available.	
VOC (weight %)	No information available.	

**10. STABILITY AND REACTIVITY****Reactivity**

Certain plastics, rubber and strong oxidizers.

**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.

**Incompatibility:**

Strong alkalis, oxidizers, bases, reactive materials, and natural rubber.

**Hazardous Decomposition Products**

Silicone Dioxides, Carbon oxides and Formaldehyde.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

<b>Inhalation</b>	Causes dizziness or drowsiness. Excessive or prolonged exposure may cause unconsciousness.
<b>Eye contact</b>	Causes eye irritation. This could result in redness, tearing and blurred vision.
<b>Skin Contact</b>	Causes localized defatting, irritation and dermatitis.
<b>Ingestion</b>	Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea and vomiting.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Excessive exposure will aggravate pre-existing disorders of the skin, respiratory, liver, kidney, cardiovascular or pulmonary illness.

**Information on toxicological effects**

**Acute toxicity** Harmful to eyes, causing redness, tearing and blurred vision. May cause abdominal irritation, nausea, vomiting and diarrhea, if swallowed. Dermatitis and defatting may occur to the skin. If inhaled causes dizziness and drowsiness.

Chemical Name	Dermal LD <sub>50</sub>	Oral LD <sub>50</sub>	Inhalation LC <sub>50</sub>
Heptane (142-82-5)	-	-	1600 ppm (Vapors, Mice)
Acetone (61-64-1)	-	5800mg/kg (Rat)	50100 mg/m <sup>3</sup> 8hr (Rat)

<b>Skin/Eye irritation</b>	Causes localized defatting, irritation, dermatitis. Causes eye irritation, redness, tearing, pain, blurred vision.
<b>Reproductive toxicity</b>	No information available.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, OSHA, ACGIH and NTP.
<b>Aspiration hazard</b>	No information available.
<b>Chronic effects</b>	None known.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

No information available.

**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**

This product is toxic to aquatic life.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable federal, state and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate or reuse container.

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

**Waste from residues/unused products** Dispose in accordance with local, federal and state regulations.

**14. TRANSPORT INFORMATION**

This product meets the exception requirements of Section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity-ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/2020 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

**DOT**

<b>UN/ID No.</b>	UN1950
<b>Proper shipping name</b>	Aerosols
<b>Transport hazard class(es)</b>	2.1
<b>Packing group</b>	Not applicable

**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>	Not applicable

**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>	Not applicable

**Environmental Class**  
**Marine Pollutant** Marine Pollutant.

**15. REGULATORY INFORMATION**

**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**

**SARA 311/312**  
Acute Health, Fire.

**Superfund Amendments and Reauthorization Act of 1986**

Acute health hazard	Yes
Delayed hazard	No
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

**SARA 313 (TRI reporting)**  
None.

**CERCLA**

This material, as supplied, does contain a substance regulated as a hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). Acetone (67-64-1) Reportable Quantity = 5000 lbs.

**US State Regulations**

**Acetone** (67-64-1) Connecticut hazardous material survey, Illinois toxic substances disclosure to employee act, Illinois chemical safety act, New York release reporting list. RTK - RI, PA, FL, MN, MA, NJ; Massachusetts spill list, New Jersey spill list, Louisiana spill reporting, California List of Hazardous Substances (8 CCR 339): Acetone TSCA 8(b) inventory: Acetone TSCA 4(a) final test rules: Acetone TSCA 8(a) IUR: Acetone.

**Heptane** (142-82-5) California Director's List of Hazardous Substances, Connecticut hazardous material survey, Illinois toxic substances disclosure to employee act, New Jersey, Massachusetts, Minnesota, Pennsylvania, Rhode Island RTK Act.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health hazards 1	Flammability 3	Instability 0	Physical and Chemical Properties No
<b><u>HMIS</u></b>	Health hazards 1	Flammability 3	Physical hazards 0	Personal protection B

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Revision Note	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. 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**