

Issue Date 11-Apr-2015

Revision Date 12-June-2015

Version 1

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
 www.unitedlabsinc.ca

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

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 enter 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. 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.

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

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
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

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

May cause eye irritation. Symptoms may include 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.

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.

Specific Methods

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from area if you can do so at no risk.

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.

Environmental precautions**Environmental precautions**

Use outdoors or in a well-ventilated area. Avoid discharge into drains, water sources or onto the ground.

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

Prevent further leakage or spillage if safe to do so. Eliminate all ignition sources and ventilate area.

Methods for cleaning up Eliminate all sources of ignition. Absorb spill with non-combustible material, such as, vermiculite, sand or earth. Place waste in proper containers for waste disposal. 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 (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 oxidizing agents.

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

NIOSH IDLH Immediately Dangerous to Life or Health

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 and safety goggles.
- Skin and body protection** Wear chemical resistant gloves.
- Respiratory protection** Wear a NIOSH approved organic vapor respiratory protection if listed exposure limits are exceeded.

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 Clear
Color Clear

Odor Solvent

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No Information available.	
Specific Gravity	0.76	
Percent volatile	97%	
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	>2 (Air=1.0)	
Water solubility	Non-soluble.	
Partition coefficient	No information available.	
Auto-ignition temperature	No information available.	
Decomposition temperature	No information available.	
VOC (weight %)	55% estimated	

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 oxidizing agents.

Hazardous Decomposition Products

Silicone Dioxides, Carbon oxides and Formaldehyde.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Causes dizziness or drowsiness. Excessive or prolonged exposure may cause unconsciousness.
Eye contact	Causes eye irritation. This could result in redness, tearing and blurred vision.
Skin Contact	Causes localized defatting, irritation and dermatitis.

Ingestion Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea and vomiting.

Symptoms related to the physical, chemical and toxicological characteristics 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.

Chemical Name	Dermal LD50	Oral LD540	Inhalation LC50
Heptane (142-82-5)	2000 mg/kg (Rabbit)	>15000 mg/kg (Rat)	103 g/m3 4 hours (Rat)
Acetone (61-64-1)	-	5800 mg/kg (Rat)	50100 mg/m3 8 hours (Rat)

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

Skin/Eye irritation Causes skin irritation and dermatitis may occur and may cause redness and tearing in eyes.
Reproductive toxicity No expected to cause reproductive or developmental effects.
Carcinogenicity This product is not considered to be a carcinogen by IARC, OSHA, ACGIH and NTP.
Aspiration hazard No information available.
Chronic effects 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 regional, national and local laws and 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) hazardous 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.

Contaminated packaging Do not reuse container.

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

UN/ID No.	UN1950
Proper shipping name	Aerosols, Limited Quantity
Transport hazard class(es)	2.1

IATA

UN/ID No.	UN1950
UN proper shipping name	Aerosols, Limited Quantity
Transport hazard class(es)	2.1

IMDG

UN/ID No.	UN1950
Proper shipping name	Aerosols, Limited Quantity
Transport hazard class	2.1

Environmental Class

Marine Pollutant	Marine Pollutant.
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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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Acetone 67-64-1	X	X	X
Heptane 142-82-5	X	X	X

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

NFPA	Health hazards 1	Flammability 3	Instability 0	Physical and Chemical Properties No
HMIS	Health hazards 1	Flammability 3	Physical hazards 0	Personal protection B

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Revision Note

No Information available

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