

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 168 TEF-TEK High-Tech Teflon® Lube

Other means of identification

SDS# UNITED-168

Recommended use of the chemical

And restrictions on use

Recommended use Lubricant

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 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: 0.0%.



Appearance Clear Spray

Physical state Aerosol

Odor Petroleum

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. Wash thoroughly after handling. Wear protective gloves. Store in a well-ventilated area.

Response

If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before use. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and able to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention. Avoid eye irritation persists: Get medical advice or attention. Avoid breathing fumes, mist, vapors, and spray. Use only outdoors or in a well ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call poison center or doctor if you feel unwell. 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)

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Heptane	142-82-5	10-30	*
Propane/n-Butane	68476-86-8	10-30	*
Distillates (petroleum), hydrotreated light	64742-47-8	10-30	*

*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 or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

Ingestion

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

Most important symptoms and effects, both acute and delayed

Acute health hazards: Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, Central Nervous System depression. Oral: Abdominal irritation, nausea, vomiting, diarrhea, and aspiration risk.

Chronic health hazards: May cause damage to the following organs: lungs, brain, and respiratory system.

Indication of any immediate medical attention and special treatment needed

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

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.

Protective equipment and precautions for firefighters

Firefighters must wear full protective clothing and NIOSH self-contained breathing apparatus with a full-face piece operated in a positive pressure demand. Use water mist to keep material cool in fire situations.

Specific Methods

Use standard firefighting procedures and consider the hazards in fire situations.

Hazardous Combustion Products

Oxides of carbon, various hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES

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

Keep unnecessary personnel away. For personal protection see Section 8 of the SDS.

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

Spill: Absorb spill with non-combustible material, such as, vermiculite, sand or earth. Do not allow to drain into sewers or storm drains. Dispose of in accordance with federal, state and local regulations.

RCRA Status

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

Waste disposal

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

7. HANDLING AND STORAGE

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

Storage Conditions Do not expose to temperatures, exceeding 50°C/122°F. Store in well-ventilated area. Keep out of reach of children.

Incompatible materials Strong acids, strong oxidizing agents (chlorine and other halogens, chromates, perchlorates and oxygen).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Chemical Name	ACGIH TLV	OSHA PEL
Heptane (142-82-5)	400 ppm	500 ppm
Propane/n-Butane (68476-86-8)	1000 ppm	1000 ppm
Distillates (petroleum), hydrotreated light (64742-47-8)	200 mg/m ³	Not Established

Appropriate engineering controls

Engineering Controls Material is heavier than air. Material may concentrate in low lying areas. Normal, forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally preferred.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear 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.

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 Aerosol
Color Clear Spray
Odor Petroleum odor

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No Information available.	
Specific Gravity	0.80-0.85 @ 77°F (25°C)	
Percent volatile	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	<1
Flammability (solid, gas)	Extremely flammable aerosol.
Upper flammability limit:	No information available.
Lower flammability limit:	No information available.
Vapor pressure	40 @77°C
Vapor density	>2
Water solubility	0%
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature	No information available.
VOC (weight %)	49% estimated

10. STABILITY AND REACTIVITY

Reactivity

None known.

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 and other decomposition products.

Incompatibility

Strong acids, strong oxidizing agents (chlorine and other halogens, chromates, perchlorates and oxygen).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	May cause dizziness. No hazards with normal use.
Eye contact	May cause burning, irritation, redness, tearing.
Skin Contact	Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through the skin.
Ingestion	No toxicity expected with normal use.

Information on toxicological effects

Acute toxicity	Inhalation: Anesthetic, irritation, Central Nervous System depression. Eye: redness, tearing, blurred vision. Oral: Aspiration risk. Abdominal irritation, nausea, vomiting, diarrhea. Skin: Defatting and dermatitis.
Skin/Eye irritation	Skin: Defatting and dermatitis. May cause burning, irritation, redness, tearing to eyes.
Ingestion	No toxicity expected with normal use.
Respiratory	Anesthetic, irritation, Central Nervous System depression.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.
Chronic effects	May cause damage to the following organs: lungs, brain, and respiratory system.

12. ECOLOGICAL INFORMATION

Persistence and degradability

This product is biodegradable.

Bioaccumulation

This product is not expected to bioaccumulate.

Soil Mobility

This product is mobile in soil.

Other adverse effects

This material 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.
US RCRA Status	Waste likely considered 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, state and federal 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

UN/ID No.	UN1950
Proper shipping name	Aerosols, Limited Quantity
Transport hazard class(es)	2.1
Packing group	Not applicable

IATA

UN/ID No.	UN1950
UN proper shipping name	Aerosols, Limited Quantity
Transport hazard class(es)	2.1
Packing group	Not applicable

IMDG

UN/ID No.	UN1950
Proper shipping name	Aerosols, Limited Quantity
Transport hazard class	2.1
Packing group	Not applicable

Environmental Class

Marine Pollutant	Yes.
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15. REGULATORY INFORMATION

International Inventories

All components are listed or exempted.-Yes*

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 Hazard Categories:

Superfund Amendments and Reauthorization Act of 1986

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

SARA 313 (TRI reporting)

None Known.

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: California Proposition 65: None.

16. OTHER INFORMATION

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

Issue Date	24-Aug-2015
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Revision Note	Revised

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