

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
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
Liquefied Gas	
Skin Irritation	Category 2
Eye irritation	Category 2B
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** White Liquid**Physical state** Aerosol**Odor** Solvent**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	*
Isoparaffinic Hydrocarbon	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. Call poison control or physician if you feel unwell.

Ingestion

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

Most important symptoms and effects, both acute and delayed

May cause eye irritation, stinging, tearing and redness. If inhaled it may cause irritation, dizziness, drowsiness, weakness and fatigue. If ingested: Aspiration risk. If on skin, it may cause defatting or dermatitis.

Indication of any immediate medical attention and special treatment needed

If ingested, may be an aspirated risk. There is no specific treatment regimen. Treatment exposure should be directed at the control of symptoms and the clinical condition of the patient.

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 an approved 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.

Specific Methods

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

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. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). For personal protection see Section 8 of the SDS.

Environmental precautions**Environmental precautions**

Use outdoors or in a well-ventilated area.

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

Absorb spill with non-combustible material, such as, vermiculite, sand or earth. Dispose of in accordance with federal, state and local regulations.

RCRA Status

Waste likely considered hazardous, D001, 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. Use and store, only in ventilated areas. 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 None known.

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	400 ppm
Propane/n-Butane (68476-86-8)	1000 ppm	1000 ppm
Isoparaffinic Hydrocarbon (64742-47-8)	400 ppm	400 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 Wear safety glasses / safety goggles.

Skin and body protection Wear chemical resistant gloves.

Respiratory protection Not required with adequate ventilation. Wear 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 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 Hazy-Clear Spray
Odor Solvent

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No Information available.	
Specific Gravity	0.820	
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	0.00%
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature	No information available.
Volatile including Water	>80%
VOC (weight %)	49% estimated

10. STABILITY AND REACTIVITY

Reactivity

If exposed to strong oxidizers, presents explosion hazard.

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.

Incompatibility

None 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, tearing.
Skin Contact	May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.
Ingestion	May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting and dizziness.
Symptoms related to the physical, chemical and toxicological characteristics	Excessive exposure will aggravate pre-existing skin disorders, respiratory, liver, kidney, cardiovascular or pulmonary illnesses.

Information on toxicological effects

Acute toxicity Inhalation: dizziness, drowsiness, weakness, and fatigue. Eye: Stinging, tearing and redness. Oral: Aspiration risk. Skin: Defatting and dermatitis.

Chemical Name	Dermal LD50	Oral LD540	Inhalation LC50
Heptane (142-82-5)	-	-	103,000 mg/m3 (Rat)
Propane/n-Butane (68476-86-8)	-	-	-
Isoparaffinic Hydrocarbon (64742-47-8)	-	-	-

Skin/Eye irritation Causes skin irritation and eye irritation.
Sensitization This product is not expected to cause skin sensitization.
Germ cell mutagenicity No information available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.
Reproductive toxicity No information available.
Aspiration hazard Causes aspiration risk.
Chronic effects None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity
 This material is toxic to aquatic life.

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
 None known.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Local disposal regulations The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

US RCRA Status Waste likely considered hazardous, D001, 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.

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	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

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.

SARA 311/312

None known.

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).

US State Regulations

Chemical Name	New Jersey	Massachusetts/Rhode Island*	Pennsylvania
Heptane (142-82-5)	X	X X*	X
Isoparaffinic Hydrocarbons (64742-47-8)	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

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