

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 170 GREASE GUN with PTFE

Other means of identification

SDS# UNITED-170

Recommended use of the chemical and restrictions on use

Recommended Use High Pressure Penetrating Lubricant
Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Supplier Address

United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

Emergency telephone number

Company Phone Number 800-323-2594 (to reorder)
Emergency Telephone (24hr) 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 Aerosols	Category 1
Aspiration Hazard	Category 1
Skin irritation	Category 2
Eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3
Liquefied Gas	

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%



Precautionary Statements-Prevention

Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn- pressurized container. Use only in well-ventilated area. Do not expose to temperatures exceeding 50°/122°F. Wash hands thoroughly after handling.

Precautionary Statements-Response

If swallowed: Immediately contact poison center/doctor. Do not induce vomiting. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continuing rinsing. If eye irritation persists: get medical advice/attention. Avoid breathing fumes, mist, vapors and spray. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before use. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor if you feel unwell. Wear protective gloves and eye protection.

Precautionary -Storage

Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Precautionary -Disposal

Dispose of contents/container to in accordance with local/regional/national/international regulations.

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 for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Inhalation Move person to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

Ingestion	If swallowed: Rinse mouth. Do not induce vomiting. Get medical advice or attention.
Acute Health Hazards	Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, Central Nervous System depression. Oral: Abdominal irritation, nausea, vomiting, diarrhea, aspiration risk.
Chronic Health Hazards	Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system.
Note to Physician	If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical. Foam. Carbon Dioxide.

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. May develop a flammable atmosphere in confined areas.

Protective equipment and precautions for firefighters

Wear NIOSH approved self-contained breathing apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers. Shut off all sources of ignition.

Hazardous combustion products

Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Refer to Section 8 for proper personal protective equipment.

Methods and material for containment and cleaning up

Methods for containment and cleaning up Clean up with non-combustible material like vermiculite, sand or earth. If many cans are opened remove ignition sources. Prevent spill from entering sewers, storm drains, and natural waterways.

Waste Disposal Dispose of in accordance with federal, state and local regulations.

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

Incompatible materials Oxidizers, heat, sparks, open flame and energized equipment.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines/personal protection

Exposure guidelines noted for ingredient(s).

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Heptane 142-82-5	TWA: 400 ppm	TWA: 400 ppm	-
Propane/n-Butane 68476-86-8	TWA: 1000 ppm	TWA: 1000 ppm	-
Isoparaffinic Hydrocarbon 64742-47-8	TWA: 400 ppm	TWA: 400 ppm	-

Appropriate engineering controls

Engineering Controls Use only outdoors or in a well ventilated area.

Individual protection measures, such as personal protective equipment

Eye/face protection and skin/body protection Safety glasses and chemical resistant gloves. Wash hands thoroughly after handling.

Respiratory protection Use only in well ventilated areas. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Aerosol.
Appearance Gel lubricant
Color Thick Red
Odor Solvent scent
Odor threshold No Information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Specific Gravity	0.725	
Viscosity	No information available	
Melting point/freezing point	No Information available	
Flash point	No information available	
High boiling point / boiling range	No information available.	
Evaporation rate	>2.5	
Flammability (solid, gas)	Extremely flammable aerosol	
Flammability Limits in Air		
Upper explosion limit:	No information available.	
Lower explosion limit:	No information available.	
Vapor pressure	124	
Vapor density	>2	
Water solubility	Not soluble	
Partition coefficient	No Information available	
Autoignition temperature	No Information available	
Decomposition temperature	No information available	
Relative density	No information available	
Volatility including water	50%	
VOC (weight %)	49%	

10. STABILITY AND REACTIVITY

Reactivity

The product is stable and not-reactive under normal conditions of use, storage and transport.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None known.

Conditions to avoid

Avoid high temperatures greater than 122°F and sources of ignition.

Incompatible materials

Oxidizers, heat, sparks, open flame and energized equipment.

Hazardous Decomposition Products

Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Inhalation	Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression.
Eye contact	Causes eye irritation, redness, tearing, pain, blurred vision.
Skin Contact	Brief contact is not irritating. May cause irritation, dryness, redness, localized defatting with prolonged or repeated contact. Removes natural oils and fats from skin.
Ingestion	May be harmful if swallowed. No an expected route of exposure. Nausea, vomiting, headaches, abdominal pain, diarrhea, dizziness, pulmonary edema, unconsciousness or death.
Symptoms related to the physical, chemical and toxicological characteristics	Asthma, bronchitis, emphysema and other lung diseases and chronic nose, sinus or throat conditions. Skin irritation may be aggravated in individuals with existing skin disorders.

Chemical Name	Oral LD ₅₀	Inhalation LD ₅₀	Dermal LC ₅₀
Heptane 142-82-5	15000 mg/kg (Rat)	103 g/m ³ , 4 hours (Rat)	2000 mg/kg (Rabbit)

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin Sensitization	This product is not expected to cause skin sensitization.
Respiratory Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic health hazards	Repeated or prolonged exposure may be toxic to kidneys, liver, skin, CNS
Acute toxicity	Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, central nervous system depression

12. ECOLOGICAL INFORMATION

Ecotoxicity

May absorb to sediments and possible cause toxics effects to organisms.

Persistence and degradability

Component or components of this product are not biodegradable.

Bioaccumulation

This product is not expected to bio-accumulate.

Mobility in Soil

This product is mobile in soil.

Other adverse effects

No other adverse environmental effects are expected from this component.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions

Dispose of in accordance with federal, state and local regulations.

RCRA Hazardous Waste

Waste likely considered D001, under RCRA, however product should be characterized prior to disposal (40 CFR 261).

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, Ltd. Qty.
Transport hazard class(es)	2.1

IATA

UN Number	UN1950
UN shipping name	Aerosols, Ltd. Qty.
Transport hazard class(es)	2.1

IMDG

UN Number	UN1950
UN Proper shipping name	Aerosols, Ltd. Qty.
Transport hazard class(es)	2.1

15. REGULATORY INFORMATION

US Federal Information

This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910,1200.

TSCA Status

All chemicals are listed and exempt.

SARA 312 Hazardous Chemicals

None known.

SARA 313 (TRI reporting)

None known.

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	Yes

Fire hazard Yes
Sudden release of pressure hazard No
Reactive Hazard No

CERCLA

This material, as supplied, does not contain a substance regulates 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). There may be specific reporting requirements at the local, regional or state level pertaining to releases of this material.

California Proposition 65

WARNING: This product does not contain a chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

US State Right-To Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Heptane 142-82-5	X	X	X

16. OTHER INFORMATION

NFPA Health hazards 1 Flammability 3 Reactivity 0 **Physical and Chemical Properties** None
HMIS Health hazards 1 Flammability 3 Reactivity 1 **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 a 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