

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product identifier**

**Product Name** United 170 GREASE GUN with Teflon®

**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

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

<b>Ingestion</b>	If swallowed: Rinse mouth. Do not induce vomiting. Get medical advice or attention.
<b>Acute Health Hazards</b>	Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, Central Nervous System depression. Oral: Abdominal irritation, nausea, vomiting, diarrhea, aspiration risk.
<b>Chronic Health Hazards</b>	Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system.
<b>Note to Physician</b>	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	
<b>Flammability Limits in Air</b>		
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**

<b>Inhalation</b>	Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression.
<b>Eye contact</b>	Causes eye irritation, redness, tearing, pain, blurred vision.
<b>Skin Contact</b>	Brief contact is not irritating. May cause irritation, dryness, redness, localized defatting with prolonged or repeated contact. Removes natural oils and fats from skin.
<b>Ingestion</b>	May be harmful if swallowed. No an expected route of exposure. Nausea, vomiting, headaches, abdominal pain, diarrhea, dizziness, pulmonary edema, unconsciousness or death.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	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 <sub>50</sub>	Inhalation LD <sub>50</sub>	Dermal LC <sub>50</sub>
Heptane 142-82-5	15000 mg/kg (Rat)	103 g/m <sup>3</sup> , 4 hours (Rat)	2000 mg/kg (Rabbit)

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

<b>Skin Sensitization</b>	This product is not expected to cause skin sensitization.
<b>Respiratory Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic health hazards</b>	Repeated or prolonged exposure may be toxic to kidneys, liver, skin, CNS
<b>Acute toxicity</b>	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**

<b>UN/ID No.</b>	UN1950
<b>Proper shipping name</b>	Aerosols, Ltd. Qty.
<b>Transport hazard class(es)</b>	2.1

**IATA**

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

**IMDG**

<b>UN Number</b>	UN1950
<b>UN Proper shipping name</b>	Aerosols, Ltd. Qty.
<b>Transport hazard class(es)</b>	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**

<b>Acute health hazard</b>	Yes
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<b>Chronic Health Hazard</b>	Yes
<b>Fire hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	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**

<b><u>NFPA</u></b>	Health hazards 1	Flammability 3	Reactivity 0	<b>Physical and Chemical Properties</b> None
<b><u>HMIS</u></b>	Health hazards 1	Flammability 3	Reactivity 1	<b>Personal protection</b> B

Issue Date 11-Apr-2015  
 Revision Date 31-July-2015  
 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**