

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 120 GOOBER LUBE

Other means of identification

SDS# UNITED-120

Recommended use of the chemical and restrictions on use

Recommended Use Clear Chain and Cable 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	2
Acute toxicity	2
Aspiration Hazard	1
Skin irritation	2
Aerosol	1
Eye irritation	2A
Specific target organ toxicity (single exposure)	3
Specific target organ toxicity (repeated exposure)	2
Reproductive toxicity	2
Chronic aquatic toxicity	2

Label elements

Emergency Overview

Danger

Hazard statements

Extremely flammable aerosol. Pressurized container may burst if heated. Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. Causes skin irritation. May cause damage to organs through prolonged or repeated exposure. May cause drowsiness or dizziness.

Environmental Hazards

Toxic to aquatic life with long lasting effects.

**Precautionary Statements-Prevention**

Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. 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. Avoid breathing dust/fume/gas/mist/vapors or spray. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use only in well-ventilated area. Keep out of reach of children.

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. In case of fire: use water fog, dry chemical or carbon dioxide to extinguish. If exposed or concerned: get medical attention. Take off contaminated clothing and wash before reuse. Get medical attention/advice if you feel unwell. If inhaled: remove person to fresh air and keep comfortable for breathing. Call poison center or physician if you feel unwell.

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
Isoparaffinic Petroleum Distillate	64742-47-8	24-42	*
Hexane	110-54-3	7-17	*
Acetone	67-64-1	7-17	*
Petrolatum	8009-03-8	6-15	*
Butane	106-97-8	4-9	*
Isobutane	75-28-5	2-4	*
Propane	74-98-6	2-4	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures**Skin Contact**

Take off immediately all contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Gently blot or brush away excess product. Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. Call a poison center or physician if you feel unwell. Store contaminated clothing under water and wash before reuse or discard.

Eye contact	Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto face. If eye irritation persists: Get medical advice/attention.
Inhalation	Remove source of exposure or move person to fresh air and keep comfortable for breathing. If exposed/feel unwell/concerned: Call a poison center or physician. Eliminate all ignition sources if safe to do so.
Ingestion	Rinse mouth. Do not induce vomiting. Immediately call poison center or physician. If vomiting occurs naturally, lie on your side, in the recovery position. Never give anything by mouth to an unconscious or convulsing victim. Keep person warm and quiet.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water, fog, dry chemical powder or carbon dioxide (CO₂). Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys

Unsuitable extinguishing media Water may be ineffective but can be used to cool containers exposed to heat and flame.

Specific hazards arising from the chemical

Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Aerosol cans may rupture when heated. Heated cans may burst. In fire, will decompose to carbon dioxide, carbon monoxide.

Protective equipment and precautions for firefighters

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Specific Methods

Use standard firefighting procedures and consider the hazards of other involved materials. Wear protective pressure SCBA and full turnout gear. Care should always be exercised in dust/mist areas.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Use explosion proof equipment. Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental precautions

Environmental precautions Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Emergency procedures

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stay upwind; keep out of low areas. Immediately turn off or isolate any source of ignition. Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Clean up immediately. Use absorbent sweeping compound to soak up material and put into suitable container for proper disposal.
Flammable/combustible material.

Methods and material for containment and cleaning up

Methods for containment Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk. Prevent entry into waterways, sewer, basements or confined areas. Do not walk through spilled material.

Methods for cleaning up Clean up immediately. Use absorbent sweeping compound to soak up material and put into suitable container for proper disposal. After product recovery, clean surfaces thoroughly to remove residual contamination. For waste disposal, see Section 13.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Obtain special instructions before use, by trainer personnel only. For industrial and institutional use only. Keep away from children. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. Eyewash stations and showers should be available in areas where this material is used and stored.

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Conditions for safe storage, including any incompatibilities

Storage Conditions Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Keep container(s) tightly closed and properly labeled. Store in cool, well ventilated areas away from heat, and incompatibles. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty container retain residue and may be dangerous. Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize containers to empty them. Ground all structures, transfer containers and equipment to conform to the national electrical code. Use procedures that prevent static electrical sparks. Static electricity may accumulate and create a fire hazard.

Incompatible materials None known.

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
Acetone 67-64-1	TWA: 500 ppm TWA: 1188 mg/m ³ STEL: 750 ppm STEL: 1782 mg/m ³	TWA: 1000 ppm TWA: 2400 mg/m ³	TWA: 250 ppm TWA: 590 mg/m ³
Hexane 110-54-3	TWA: 50 ppm TWA: 176 mg/m ³	-	TWA: 50 ppm TWA: 180 mg/m ³
Butane 106-97-8	TWA: 1000 ppm	-	TWA: 800 ppm TWA: 1900 mg/m ³
Isobutane 75-28-5	TWA: 1000 ppm	-	TWA: 1900mg/m ³ TWA: 800 ppm
Isoparaffinic Petroleum Distillate 64742-47-8	-	TWA: 500 ppm TWA: 2000 mg/m ³	-
Propane 74-98-6	See appendix F: minimal oxygen content	TWA: 1000 ppm TWA: 1800 mg/m ³	TWA: 1800 mg/m ³ TWA: 1000 ppm

Appropriate engineering controls

Engineering Controls Good general ventilation should be used.

Individual protection measures, such as personal protective equipment

- Eye/face protection** Safety glasses with side shields or vented/splash proof goggles, chemical goggles. Contact lenses may absorb irritants. Particles may adhere to lenses and cause corneal damage.
- Skin and body protection** Wear gloves, long-sleeved shirt, long pants and other protective clothing as required to minimize skin contact. Use gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, and dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Chemical – resistant clothing is recommended to avoid prolonged contact. Avoid unnecessary skin contact.
- Respiratory protection** If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910, 134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapors. When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Aerosol.
Appearance Gel spray
Color Clear light yellow
Odor Sweet solvent scent
Odor threshold No Information available

Property	Values	Remarks • Method
pH	No information available	
Specific Gravity	0.68 (H2O)	
Viscosity	No information available	
Melting point/freezing point	No Information available	
Flash point	No information available	
High boiling point / boiling range	651 °F	
Evaporation rate	< 1 = slower than ether	
Flammability (solid, gas)	Flashpoint below 73°F	
Flammability Limits in Air		
Upper explosion limit:	9.5	
Lower explosion limit:	1	
Vapor pressure	No information available	
Vapor density	Slower than ether	
Water solubility	Negligible	
Partition coefficient	No Information available	
Autoignition temperature	No Information available	

Decomposition temperature No information available
Relative density No information available

Other Information

Density No information available
Heat of combustion No information available
Heat of combustion (NFPA 30B) No information available
Percent volatile No information available
VOC (weight %) 25.000% estimated

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

Hazardous polymerization does not occur.

Conditions to avoid

Avoid high temperatures.

Incompatible materials

None known.

Hazardous Decomposition Products

In fire, will decompose to carbon dioxide, carbon monoxide.

11. TOXICOLOGICAL INFORMATION

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

Inhalation The effects of overexposure include irritation of respiratory tract, headache, dizziness, nausea, and loss of coordination.

Eye contact Overexposure will cause redness and burning sensation. Cause eye irritation.

Skin Contact Over exposure will cause defatting of skin. Causes skin irritation.

Ingestion No information available.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes or on skin, may cause temporary irritation.

Chemical Name	LD50	LD50	LC50
Butane (106-97-8)	-	-	276000 ppm 658000 mg/m ³ 4 hours (Rat)
Hexane (110-54-3)	32340 mg/kg (3) (Rat)	-	48000 ppm 4 hours (16) (Rat)
Acetone 67-64-1)	5800 mg/kg (24) (Rat)	16000 mg/kg (30) (Rabbit)	30000 ppm 4 hours 71000 mg/m ³ 4 hours (29) (Rat)
Isobutane (75-28-5)	-	-	520000 ppm 2 hours (52%) (Mouse)

Information on toxicological effects

Acetone (67-64-1) The following medical conditions may be aggravated by exposure: lung disease, eye disorders, skin disorders. Overexposure may cause damage to any of the following organs/systems: blood, central nervous system, eyes, kidneys, liver, respiratory system, skin.

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	May damage fertility or the unborn child.
STOT - single exposure	May cause dizziness or drowsiness.
STOT - repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	May be fatal if swallowed and enters airways.
Acute toxicity	Inhalation: effect of overexposure includes irritation of respiratory tract, headache, dizziness, nausea, and loss of coordination. Extreme overexposure may result in unconsciousness and possibly death.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Persistence and degradability

Acetone (67-64-1) – 91% readily biodegradable, Method: OECD Test Guideline 301B. Isoparaffinic Petroleum Distillate (64742-47-8)- Expected to be inherently biodegradable. The volatile constituents will oxidize rapidly by photochemical reactions in air.

Bioaccumulation

Chemical Isoparaffinic Petroleum Distillate contains constituents with the potential to bio-accumulate.

Partition coefficient n-octanol / water (log Kow)

Chemical Name	Partition coefficient
Butane	2.89
Methanol	-0.77
Methylene Chloride	1.25
Propane	2.36
Propylene Oxide	0.03
Toluene	2.73

Mobility in Soil

Isoparaffinic Petroleum Distillate (64742-47-8) Floats on water. Contains volatile constituents. Evaporates within a day from water or soil surfaces. Large volumes may penetrate soil and could contaminate groundwater.

Other adverse effects

No other adverse environmental effects are expected from this component.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

RCRA Hazardous Waste

Under RCRA, it is the responsibility of the user of the product, to determine a time of disposal. Whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

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, flammable
Transport hazard class(es) 2.1

IATA

UN Number UN1950
UN shipping name Aerosols, flammable
Transport hazard class(es) 2.1

IMDG

UN Number Allowed.
UN Proper shipping name Allowed.
Transport hazard class(es) Limited Qty.

15. REGULATORY INFORMATION

US Federal Information

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

SARA 312 Hazardous Chemicals

Acetone (67-64-1) 7-17% weight, Propane (74-98-6) 2-4% weight, Isobutane (75-28-5) 2-4% weight, Butane (106-97-8) 4-9% weight, Hexane (110-54-3) 7-17% of weight, Petrolatum (8009-03-8) 6-15% of weight, Isoparaffinic Petroleum Distillate (64742-47-8) 24-42% of weight.

SARA 313 (TRI reporting)

Hexane (110-54-3)

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 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. Acetone (67-64-1) and Hexane (110-54-3).

California Proposition 65

WARNING: This product contains 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
Butane 106-97-8	X	X	X
Acetone 67-64-1	X	X	X

Isobutane 75-28-5	X	X	X
Propane 74-98-6	X	X	X
Hexane 110-54-3	X	X	X

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards 2	Flammability 3	Reactivity 0	Physical and Chemical Properties *
<u>HMIS</u>	Health hazards 2	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 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