

## United Biotech Lubricant (Clear Lube)

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** United Biotech Lubricant (Clear Lube)  
**SDS Number:** FG95952  
**Revision Date:** 1/8/2020  
**Version:** 1  
**Supplier Details:** United Biotech  
45 W. Jefryn Blvd.  
Deer Park, NY 11729  
**Emergency:** 631-274-4750  
**Phone:** 631-274-4750

### 2 HAZARDS IDENTIFICATION

#### Classification of Substance

**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**  
No GHS Classifications Indicated

#### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **NONE**

no GHS pictograms indicated for this product

#### GHS Hazard Statements:

no GHS hazards statements indicated

#### GHS Precautionary Statements:

no GHS Precautionary Statements indicated

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients:

| Cas#       | %      | Chemical Name        |
|------------|--------|----------------------|
| 102-71-6   | 1%     | Triethanolamine      |
| 25322-68-3 | 50-75% | Polyethylene glycols |

The specific chemical identity and/or exact percentages are being withheld as a trade secret (CBI). In the event of an emergency, the exact chemical formula and percentages will be given to medical personnel upon request.

All chemicals in this product are reported in the EPA TSCA Inventory.

### 4 FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.  
**Skin Contact:** Promptly flush skin with water. If irritation persist, obtain medical attention.  
**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Contact a physician if redness persists.  
**Ingestion:** Give 1-2 glasses of water. Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Consult a physician.

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### 5 FIRE FIGHTING MEASURES

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Unsuitable Extinguishing Media: Not applicable.

Hazardous Combustion Products: Not applicable.

Special Exposure Hazards: Contact with some metals, particularly magnesium, aluminum, and zinc can rapidly generate hydrogen, which is explosive.

Special protective equipment: Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

### 6 ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Use appropriate protective equipment. (See Section 8.) Do not get into eyes, skin, or clothing. Wear respiratory protection. Avoid breathing vapors. Ensure adequate ventilation.

Environmental Precautionary Measures: Do not empty into drains.

Methods and Materials for Containment and Cleanup: This material may be neutralized with dilute acid for disposal. Do not discharge into waste water treatment until liquid residues have been neutralized with dilute acid (pH 6-9). Place in a non-leaking container for proper disposal according to Federal, State, and Local regulations.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Use in a well-ventilated area. Do not breathe vapors. Do not get on skin, eyes, or clothing.

**Storage Requirements:** Store between 50-80° F. Keep container closed and in a well-ventilated area.

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### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use in well ventilated area.  
**Personal Protective Equipment:** Triethanolamine (102-71-6) [1%]  
 Personal protective equipment  
 Eye protection: Safety Glasses  
 Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Triethanolamine (102-71-6) [1%]

Components with workplace control parameters

TWA 5 mg/m<sup>3</sup> USA. ACGIH Threshold Limit Values (TLV)  
 Skin & eye irritation

Polyethylene glycols (25322-68-3) [50-75%]

Components with workplace control parameters

TWA 10 mg/m<sup>3</sup> USA. Workplace Environmental Exposure Levels (WEEL)

### 9 PHYSICAL AND CHEMICAL PROPERTIES

|                                     |                        |                                   |                   |
|-------------------------------------|------------------------|-----------------------------------|-------------------|
| <b>Appearance:</b>                  | Clear Colorless Liquid | <b>Odor:</b>                      | Mild              |
| <b>Physical State:</b>              | Liquid                 | <b>Solubility:</b>                | Soluble in Water  |
| <b>Odor Threshold:</b>              | No data available      | <b>Freezing or Melting Point:</b> | No data available |
| <b>Specific Gravity or Density:</b> | 1.09-1.11              | <b>Flash Point:</b>               | No data available |
| <b>viscosity:</b>                   | No data available      | <b>Vapor Density:</b>             | No data available |
| <b>Boiling Point:</b>               | No data available      | <b>Autoignition Temperature:</b>  | No data available |
| <b>Partition Coefficient:</b>       | No data available      | <b>Upper Flammability Limit:</b>  | No data available |
| <b>Vapor Pressure:</b>              | No data available      |                                   |                   |
| <b>pH:</b>                          | 8-10                   |                                   |                   |
| <b>Evaporation Rate:</b>            | No data available      |                                   |                   |
| <b>Decomp Temp:</b>                 | No data available      |                                   |                   |

### 10 STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions  
**Conditions to Avoid:** Open flame and excessive heat.  
**Identification:**  
**Materials to Avoid:** Avoid contact with strong oxidizing agents.  
**Hazardous Decomposition:** Oxides of carbon. Other unknown decomposition possible.  
**Hazardous Polymerization:** Will not occur.

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**11****TOXICOLOGICAL INFORMATION**

Triethanolamine (102-71-6) [1%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - mouse - 5,846 mg/kg Remarks: BehaviOral:Convulsions or effect on seizure threshold. Diarrhoea Kidney, Ureter, Bladder:Other changes.

LD50 Oral - rat - 5,530 mg/kg Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Lacrimation. Diarrhoea Skin and Appendages: Other: Hair.

LD50 Oral - rabbit - 2,200 mg/kg

LD50 Oral - guinea pig - 2,200 mg/kg

Inhalation: no data available

LD50 Dermal - rabbit - &gt; 22.5 g/kg

Skin corrosion or irritation: Skin - rabbit Result: No skin irritation

Serious Eye Damage or Eye Irritation: Eyes - rabbit Result: No eye irritation

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,2,2-Nitrioltriethanol)

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - Single exposure: no data available

Specific target organ toxicity - Repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: KL9275000

Kidney injury may occur., Dermatitis

Liver - Irregularities - Based on Human Evidence

Polyethylene glycols (25322-68-3) [50-75%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - &gt; 5,000 mg/kg

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Inhalation: no data available

LD50 Dermal - rabbit - > 5,000 mg/kg

Skin corrosion or irritation: no data available

Serious Eye Damage or Eye Irritation: Eyes - rabbit Result: No eye irritation (Draize Test)

Respiratory or skin sensitisation: - guinea pig Did not cause sensitisation on laboratory animals. (OECD Test Guideline 406)

Germ cell mutagenicity: Animal testing did not show any mutagenic effects. Not mutagenic in Ames Test.

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - Single exposure: no data available

Specific target organ toxicity - Repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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**12** **ECOLOGICAL INFORMATION**

Triethanolamine (102-71-6) [1%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - *Lepomis macrochirus* (Bluegill) - 450 - 1,000 mg/l - 96 h.

Toxicity to daphnia and EC50 - *Daphnia* - 609.98 mg/l - 48 h.

other aquatic invertebrates

Persistence and degradability: Biodegradability Result: 96 % - Readily biodegradable.

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Polyethylene glycols (25322-68-3) [50-75%]

Information on ecological effects

Toxicity:

Toxicity to fish static test - *Leuciscus idus* (Golden orfe) - > 500 mg/l - 96 h.

(DIN 38412)

Persistence and degradability: Biodegradability Result: - Biodegradable

Bioaccumulative potential: Does not accumulate in organisms.

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

**13** **DISPOSAL CONSIDERATIONS**

## United Biotech Lubricant (Clear Lube)

### 14 TRANSPORT INFORMATION

USDOT: Not regulated

Marine Pollutant: No

### 15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Triethanolamine (102-71-6) [1%] CFATS, HAP, MASS, PA, TSCA, TXAIR

Polyethylene glycols (25322-68-3) [50-75%] TSCA

Regulatory CODE Descriptions

CFATS = DHS Chemicals of Interest

HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

PA = PA Right-To-Know List of Hazardous Substances

TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

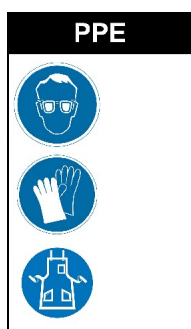
### 16 OTHER INFORMATION

HMIS III: Health = 1, Fire = 0, Physical Hazard = 0

HMIS C - Safety Glasses, Gloves, Apron

Personal  
Protective  
Equipment:

| HMIS                |   |
|---------------------|---|
| HEALTH              | 1 |
| FLAMMABILITY        | 0 |
| PHYSICAL HAZARD     | 0 |
| PERSONAL PROTECTION | C |



Author: Technical Services Department, The Marlin Company, Inc.

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This information is based on our current knowledge of the product and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.