

Safety Data Sheet

**TorrLube Linear Purity Grease**

**Section I. Material Identification**

Product Name: Linear Purity Grease  
Chemical Family: Synthetic Lubricating Grease  
Manufacturer: The TorrLube Company, LLC  
3769 Constellation Rd., Suite F  
Vandenberg Village, CA 93436  
Emergency Phone Number: 805-733-1476  
Date: 01-11-2023 (Revision Date: 01-01-2025)

**Section II. Hazards Identification**

**GHS Classification:** None  
**GHS Label Elements:**  
Hazard Pictograms: None  
Signal Word: None  
Hazard Statements: None  
Precautionary Statements: P260 Do not breathe dust, mist or vapors.  
P281 Use personal protective equipment as required.  
P314 Get medical attention if you feel unwell.  
P402 + P404 Store in a dry place, in a closed container.  
P501 Dispose of content and container according to local and national regulations.

**Section III. Composition**

| <u>CAS Number</u> | <u>Chemical Name</u> | <u>Content by Mass</u> |
|-------------------|----------------------|------------------------|
| N/A               | Fluorinated Grease   | 100%                   |

## Section IV: First Aid Measures

|                      |  |
|----------------------|--|
| <b>Eye Contact:</b>  | Flush thoroughly with clear water for 15 minutes or until irritation subsides. Contact physician.                                      |
| <b>Skin Contact:</b> | Wash with soap and water. Remove any contaminated clothing and wash with soap and warm water. Get medical attention if symptoms occur. |
| <b>Inhalation:</b>   | Move to fresh air and refer to a physician for treatment.  |
| <b>Injection:</b>    | Consult physician immediately.   |
| <b>Ingestion:</b>    | Contact physician immediately.   |
| <b>Other:</b>        | Exercise ordinary measures of personal hygiene.  |

## Section V: Fire Fighting Measures

- Extinguishing Media:** Dry chemical, CO<sub>2</sub>, foam, or sand/earth.
- Unusual Fire or Explosion Hazards:** Dense smoke can form in a fire. In a fire, decomposition of fluorinated compounds can generate hydrogen fluoride, fluorophosgene, and carbonyl fluoride. Empty containers contain residue. Do not cut, drill, grind or weld as they may explode.
- Special Fire Fighting Measures:** Avoid smoke inhalation. Water or foam may cause frothing. Cool exposed containers with water. Use air supplied rescue equipment for enclosed areas.

## Section VI: Accidental Release Measures

- Spill or Leak Procedures:** Wipe or scrape up spillage and place it in a container for disposal. Product may be absorbed with an inert material such as sand, soil, or vermiculite. Wash walking surfaces thoroughly with detergent and water to reduce slipping hazard. Keep petroleum products out of sewers and water courses. Advise authorities if product has or may enter sewers or water courses.
- Waste Management and Disposal:** Assure conformity with applicable regulations. Consult local, state and federal regulations applicable to your area.

## Section VII: Handling and Storage

- Handling:** Avoid contact with skin and eyes. Enforce No Smoking in areas where fluoropolymers are handled or stored. Use with adequate ventilation. Avoid breathing if this material is atomized in a mist.
- General Hygiene Advice:** Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.
- Storage:** Keep container closed and in a dry, well-ventilated place.

## Section VIII: Exposure Controls and Personal Protection

### Control Parameters:

Exposure Guidelines: Particulates Not Otherwise Regulated (PNOR)

OSHA PEL: 15 mg/m<sup>3</sup> (Total Dust), 5 mg/m<sup>3</sup> (Respirable Particulate)

ACGIH TLV: 10 mg/m<sup>3</sup> (Inhalable Particulate)

### Exposure Controls:

Ventilation: None required unless mists, smoke or vapors are produced at high temperatures.

### Personal Protective Equipment:

Goggles: Safety glasses recommended.

Gloves: Oil resistant gloves recommended, especially to avoid prolonged or repeated skin contact.

Respirator: Not required unless mists, smoke or vapors are produced at high temperatures.

Other: Use oil resistant apron, if needed.

## Section IX: Physical and Chemical Properties

|                            |   |
|----------------------------|---|
| Appearance:                | Grease Like                                       |
| Color:                     | White   |
| Odor:                      | None  |
| Odor Threshold:            | Not Available                                     |
| Physical State:            | Solid, liquid can evolve under certain conditions |
| pH:                        | Not Applicable                                    |
| Melting Point:             | >300°C  |
| Initial Boiling Point:     | >300°C  |
| Flash Point:               | None  |
| Auto-ignition Temperature: | None  |
| Evaporation Rate:          | Negligible  |
| Lower Explosive Limit:     | None  |
| Upper Explosive Limit:     | None  |
| Vapor Pressure:            | Negligible  |
| Vapor Density:             | Not available                                     |
| Specific Gravity:          | 1.98 at 25°C                                      |
| Solubility in Water:       | Insoluble   |
| Partition Coefficient:     | Not available                                     |
| Decomposition Temperature: | Not Available                                     |
| Viscosity:                 | Semi-solid. Viscosity varies with shear rate.     |

## Section X: Stability and Reactivity

**Reactivity:** Stable

**Hazardous Polymerization:** Will not occur.

**Chemical Incompatibilities:** None Expected.

**Hazardous Decomposition Products:** Burning may produce carbon monoxide, carbon dioxide hydrogen fluoride, fluorophosgene, carbonyl fluoride and other fumes.

**Other:** Avoid contamination of cigarettes or other tobacco products.

## Section XI: Toxicological Information

Perfluoropolyether oil:

Acute Oral LD50 (rat) > 5,000 mg/kg (summation method).

Inhalation: Thermal decomposition (above 300°C) can cause polymer fume fever with flu-like symptoms in humans.

Skin: Irritation (rabbit): No skin irritation (component data).

Sensitization: Not expected to be a sensitizer based on component data.

Carcinogenicity: No components classifiable as human carcinogens.

Aspiration hazard: Not classified.

## Section XII: Ecological Information

Fluorinated Grease:

Not expected to produce toxic effects.

## Section XIII: Disposal Considerations

According to RCRA (40 CFR 261), this material is not hazardous waste when the as received lubricant is discarded.

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

## Section XIV: Transport Information

DOT Road Shipment Information (49 CFR 171.101): Not hazardous

Ocean Shipment (IMDG): Not hazardous.

Air Shipment (IATA): Not hazardous.

## Section XV: Regulatory Information

Contents of this SDS comply with OSHA HAZARD Communication Standard 29 CFR 1910.1200.

TSCA Status: All chemical substances listed are included or exempt from listing on TSCA.

EPA SARA Title III Chemical Listing: This product contains no extremely hazardous or hazardous substances.

CERCLA Hazardous Substances: None

## Section XVI: Other Information

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, The TorrLube Company, LLC makes no warranty with respect thereto and disclaims all liability with respect thereon.