

Safety Data Sheet

TorrLube Linear Purity Grease

This Safety Data Sheet adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements of other countries.

SECTION 1. MATERIAL IDENTIFICATION		
Product Name	TorrLube [®] 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	1-11-2023	
SECTION 2. 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 at 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 3. COMPOSITION		
CAS-No.	Chemical Name	Content by Mass
N/A	Fluorinated Grease	100%
SECTION 4. FIRST AID MEASURES		
Eye Contact	Flush thoroughly with clear water for 15 minutes or until irritation subsides. Contact physician.	
Skin Contact	Wash with soap and water. Remove any contaminated clothing and wash with soap and water. Get medical attention if symptoms occur.	
Inhalation	Move to fresh air and refer to a physician for treatment.	
Injection	Consult physician immediately.	
Ingestion	Consult physician immediately.	
Other	Exercise ordinary measures of personal hygiene.	
SECTION 5. FIRE FIGHTING MEASURES		
Extinguishing Media	Dry Chemical, CO ₂ , 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.	
Special Fire-Fighting Procedures	Avoid smoke inhalation. Water or foam may cause frothing. Cool exposed container with water. Use air-supplied rescue equipment for enclosed areas.	

SECTION 6. 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 to your area.	
SECTION 7. HANDLING and STORAGE		
Handling	Avoid contact with skin and eyes. Enforce No Smoking in areas where fluoropolymers are handled and 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 8. EXPOSURE CONTROLS and PERSONAL PROTECTION		
Control Parameters		
Exposure Guidelines	Particulates Not Otherwise Regulated (PNOR)	
	OSHA PEL	15 mg/m ³ (Total Dust), 5 mg/m ³ (Respirable Particulate)
	ACGIH TLV	10 mg/m ³ (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 9. PHYSICAL and CHEMICAL PROPERTIES		
Appearance	Grease-like	
Color	White	
Odor	None	
Odor Threshold	None available	
Physical State	Solid, liquid can evolve under certain conditions	
pH	N/A	
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 10. 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 11. TOXICOLOGICAL INFORMATION	
Fluorinated Grease	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 12. ECOLOGICAL INFORMATION	
Fluorinated Grease	Not expected to produce toxic effects.
SECTION 13. DISPOSAL CONSIDERATIONS	
RCRA Hazard Class (40 CFR 261)	This lubricant is not a hazardous waste when the as received lubricant is discarded. Dispose of in accordance with all local, state, provincial, and federal regulations.
SECTION 14. TRANSPORT INFORMATION	
DOT Road Shipment Information (49 CFR 171.101)	Not hazardous.
Ocean Shipment (IMDG)	Not hazardous.
Air Shipment (IATA)	Not hazardous.
SECTION 15. 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 Substance: None	

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