

JET-LUBE, INC.

MATERIAL SAFETY DATA SHEET

Product Name: WHITE LITHIUM GREASE AEROSOL
Chemical Family: Petroleum based lubricating grease
Use: Equipment lubrication.
Qualifications: NSF H-2 Registered

Manufacturer/Supplier: JET-LUBE, INC.
Address: 4849 Homestead Rd., Ste. #200
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Chemtrec 24 hours (USA): 800-424-9300

Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
Petroleum Oil	64742525/64742014	25-30	Oil Mist TWA-5mg/M ³	N/A	STEL: 10mgM ³
Nonhazardous Blend	9002840/28629665 7620771	2-4	UN	UN	UN
Petroleum Distillate (aerosol)	1314132/13463677	2-4	15mg/M ³	10mg/M ³	UN
Hydrocarbon Propellant (aerosol)	64742898/8032324 68476868	40 25	TWA 400 ppm 1,000 ppm	300 ppm 1,000 ppm	STEL: 400 ppm

Main Hazards-Health Effects

Eyes: May cause irritation. **Inhalation:** Viscous nature may block breathing passages if inhaled. **Ingestion:** May cause diarrhea.
Skin: For hypersensitive persons, may irritate the skin after prolonged periods of contact.

Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help. **Inhalation:** Clear air passage. If respiratory difficulty continues, seek medical help. **Ingestion:** Wash out mouth immediately. Consult physician. **Skin:** Wash thoroughly with hand cleanser, followed by soap & water. Contaminated clothing should be dry cleaned before reuse.

Extinguishing Media: Foam, dry powder, Halon®, carbon dioxide, sand, earth & water mist.

Unsuitable Extinguishing Media: Water jet. **Protective Equipment for Fire fighting:** Self-contained breathing apparatus.

Personal Precautions: Wear nitrile gloves & protective overalls. **Environmental Precautions:** Do not allow it to enter drains.
Spillage: Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth.

Handling: No special handling precautions necessary. **Storage:** Do not store at elevated temperatures.

Respiratory Protection: None needed.

Hand Protection: Nitrile gloves for hypersensitive persons.

Eye Protection: Glasses, if applied to parts in motion.

Body Protection: Overalls.

Physical State: Semisolid paste **Color:** White/Ivory **Odor:** Petroleum **pH:** Neutral **Boiling Range/Point °F (°C):** <600 (316)

Melting Point °F (°C): 392 (200) **Flash Point (COC) °F (°C):** 430 (221) **Autoignition Temperature °F (°C):** >500 (260)

Explosive Properties: LEL: 0.9% UEL: 7% **Evaporation Rate (Butyl Acetate):** <0.01 **Partition Coefficient (Log Pow):** N/A

Vapor Pressure (kPa): <0.01 **V.O.C. Content:** 65% **Density (g/cm³):** 0.95 **Flammability:** Flammable

OAR Value: 5 **Oxidizing Properties:** None **Water Solubility:** Slight **Vapor Density:** >5

Stability: Chemically stable under normal conditions. No photoreactive agents. **Conditions to Avoid:** Powerful sources of ignition and extreme temps. **Materials to Avoid:** Strong inorganic & organic acids, oxidizing agents. **Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon, sulfur & nitrogen. Residue mainly comprised of soot & mineral oxides.

Acute Toxicity: Possible-Mild **Irritancy-Skin:** Very mild. **Skin Sensitization:** Not known. **Subacute/Sub-chronic Toxicity:** Not known

Genotoxicity: None known **Chronic Toxicity:** None known **California Prop 65:** N/A **Carcinogen:** NTP: No IARC: No **OSHA:** No

EC Class (67/548/EEC): No **Allergens:** None known **LC-50:** >2000mg/kg-extrapolated from component data (Mysidopsis Bahía) **LD-50:** N/A

Possible Effects: In extreme cases, may generate oil fractions that could act as a marine pollutant, which are highly unlikely. **Behavior:** Relatively well behaved. Bioaccumulation potential nil. **Environmental Fate:** Highly unlikely to cause contamination. Nontoxic to marine or land organisms.

Product Disposal: Do not incinerate. Contact waste disposal company or local authority for advice. **Container Disposal:** Pails without liner—see Product Disposal section above. **Aerosols—consult local authority.**

D.O.T.: UN1950 **UN No.:** 1950, Class 2.1 **Air Transport (ICAO & IATA):** Hazardous-pressurized container

Sea Transport (IMO & IMDG): UN1950 Class 2

Road & Rail Transport (ADR/RID): UN1950 Class 2.1

Labeling Information: None needed **EC Annex 1 Class:** N/A **R Phrases:** R22—harmful if swallowed. **S Phrases:** S3 keep in cool place, S2 keep away from children. **Ozone Depleting Chemicals:** N/A **TSCA 12B Components:** None

TSCA: All components are listed. **WHMIS (Canada):** Class A, B-5 **Canadian DSL:** All components listed. **SARA 311/312:** None

40 CFR Part 372 (SARA Section 313): Zinc compounds **CERCLA:** Nonhazardous **RCRA Hazard Class:** Nonhazardous

New Jersey Right To Know: See Section II

Signature: 
Prepared by: Donald A. Oldiges
Date Issued: September 14, 2005

As of issue date, the information contained herein is accurate and reliable to the best of JET-LUBE'S knowledge. JET-LUBE® does not warrant or guarantee its accuracy or reliability and shall not be liable for any loss or damage arising out of the use thereof. It is the user's responsibility to satisfy itself that the information offered for its consideration is suitable for its particular use.

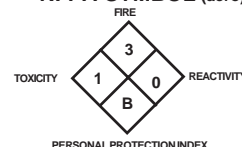
LEGEND

- I. IDENTIFICATION OF THE SUBSTANCE/Preparation AND COMPANY
- II. COMPOSITION INFORMATION ON INGREDIENTS
- III. HAZARDS IDENTIFICATION
- IV. FIRST AID MEASURES
- V. FIRE FIGHTING MEASURES
- VI. ACCIDENTAL RELEASE MEASURES
- VII. HANDLING AND STORAGE
- VIII. EXPOSURE CONTROL/PERSONAL PROTECTION
- IX. PHYSICAL AND CHEMICAL PROPERTIES
- X. STABILITY AND REACTIVITY
- XI. TOXICOLOGICAL INFORMATION
- XII. ECOLOGICAL INFORMATION
- XIII. WASTE DISPOSAL
- XIV. TRANSPORT INFORMATION
- XV. REGULATORY INFORMATION
- XVI. OTHER INFORMATION

HMIS SYMBOL (aero)

HEALTH	1
FLAMMABILITY	3
REACTIVITY	0
PPI	B

NFPA SYMBOL (aero)



WHITE LITHIUM GREASE WITH PTFE

DESCRIPTION

WHITE LITHIUM GREASE with PTFE is a premium, all-purpose grease that provides superior performance and protection for metal and moving parts under any use. **WHITE LITHIUM GREASE** with PTFE penetrates and forms a long-lasting protective film to withstand heavy loads and high speeds, prevents rust and corrosion, eliminates squeaks and squeals and will not run or wash away.

WHITE LITHIUM GREASE with PTFE is excellent for all metal-to-metal lubrication and is the preferred lubricant for use in the plant, shop, home, auto and boat.

- Clean, White Color
- Multi-Purpose
- Water Resistant
- Prevent Rust and Corrosion
- Very Adhesive
- Pumpable
- Resists Heat and Oxidation

APPLICATIONS

GENERAL PURPOSE LUBRICANT

INDUSTRIAL - machinery, tools, overhead garage door channels, fan motors, slides, gears...

MARINE - cables, couplings, gears, hitches, winches...

AUTOMOTIVE - hinges, electric antennas, latches, springs, coils...

RESIDENTIAL - implements, door channels, slides, locks...

FOOD SERVICE - all areas where food contact does not occur.

SERVICE RATING:
0°F (-18°C) to 370°F (190°C)

- NSF (H-2) Registered, Meets 1998 USDA (H-2) Guidelines For Use In Federally Inspected Meat and Poultry Plants in Noncontact Areas
- Authorized for use by Agriculture Canada

PRODUCT CHARACTERISTICS

Thickener	Lith. 12-hydroxy
Fluid Type	Petroleum Oil
Color/Appearance	White
Dropping Point (ASTM D-566)	390°F (199°C)
Specific Gravity	0.95
Density (lbs/gal)	7.80
Additive Type	Organic E/P, A/W, R&O
Flash Point (ASTM D-92)	
Bulk	>430°F (221°C)
Aerosol	104°F (40°C)
Autoignition Point (calculated)	>500°F (260°C)
NLGI Grade	2
Penetration @ 77°F (ASTM D-217)	265 - 295
Copper Strip Corrosion (ASTM D-4048)	1A
4-Ball (ASTM D-2596)	
Weld Point, kgf	200
Load Wear Index	25
Wear Scar Diameter (ASTM D-2266)	0.7
Oxidation Resistance (ASTM D-942)	
PSI Drop, 100 hrs.	<5
Base Oil Viscosity (ASTM D-445)	
cSt @ 40°C	100 - 160

PACKAGING

Code No.	Container Size	Container
50350	14 oz.	Cartridge
50305	1 lb.	Can
50341	13 oz.	Aerosol
50316	35 lb.	Pail
50324	120 lb.	Drum
50329	400 lb.	Drum

LIMITED WARRANTY

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube, Inc.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube, Inc. shall not be liable for incidental or consequential damages.

CORPORATE LOCATIONS

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Maidenhead, England

Edmonton, Canada

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