

# WHITE LITHIUM GREASE AEROSOL 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.

- Convenient aerosol package
- NSF Reg. #137549
- Clean, White Color
- Multi-Purpose
- Water Resistant
- Prevent Rust and Corrosion
- Very Adhesive
- 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 cannot 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	0.72 (Includes Propellant)
Additive Type	Organic E/P, A/W, R&O
Flash Point (ASTM D-92)	>104°F (40°C)
Autoignition Point (calculated)	>500°F (260°C)
Penetration @ 77°F (ASTM D-217)	265 - 295
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf	200
Load Wear Index	25
Wear Scar Diameter (ASTM D-22660)	0.7
Propellant	Hydrocarbon
Spray Pattern	2" - 4" Cone
VOC Content	422g/Liter (Includes Propellant)
NFPA 30B Storage Class	Level II

## PACKAGING

Code No.	Container Size	Container
50341	13 oz.	Aerosol

## 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

Houston, Texas—World Headquarters

Maidenhead, England

Edmonton, Canada

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# 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  
 Houston, TX, 77028 USA **Phone:** 713-674-7617  
**Emergency Phone:** 713-674-7617 **Fax:** 713-678-4604  
**Chemtrec 24 hours (USA):** 800-424-9300

Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
Petroleum Oil	6472525/64742014	25-30	Oil Mist TWA-5mg/M <sup>3</sup>	N/A	STEL: 10mgM <sup>3</sup>
Nonhazardous Blend	9002840/28629665 1314132/13463677 7620771	10-20	UN 15mg/M <sup>3</sup>	UN 10mg/M <sup>3</sup>	UN UN
Petroleum Distillate	64742898/8032324	40	TWA 400 ppm	300 ppm	STEL: 400 ppm
Hydrocarbon Propellant	68476868	25	1,000 ppm	1,000 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 **% Volatiles:** Nil **Density (g/cm<sup>3</sup>):** 0.95 **Flammability:** Nonflammable  
**OAR Value:** N/A **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 Bahia) **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:** Consult waste disposal company of local authority for advice on disposal of pressurized containers (aerosol cans).

**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):** 1950, Class 2.1

**Labeling Information:** None needed **EC Annex 1 Class:** N/A **R Phrases:** R22—harmful if swallowed. **S Phrases:** N/A

**Ozone Depleting Chemicals:** N/A **TSCA 12B Components:** None

**TSCA:** All components are listed. **WHMIS (Canada):** Not controlled. **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

### 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

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PPI	B

### NFPA SYMBOL



**Signature:**   
**Prepared by:** Donald A. Oldiges  
**Date Issued:** January 9, 2009

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