

<b>SECTION 1</b>	<b>CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
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**LUBRICATING SPECIALTIES COMPANY**  
**8015 PARAMOUNT BLVD.**  
**PICO RIVERA, CA 90660**

**PHONE NUMBERS:**  
 Business hours: (562) 776-4000  
 24 hours: Chemtrec: (800) 424-9300  
 General MSDS: (562) 776-4000

Product Name:	<b>White Lithium Grease #1</b>	
Chemical Name:	Petroleum grease	CAS #: Mixture
Common Name:	Grease	

<b>SECTION 2</b>	<b>COMPOSITION/INFORMATION ON INGREDIENTS</b>
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COMMON NAME	CHEMICAL NAME	CAS NO.	%
Lithium Hydroxide		1310-66-3	<1
12-Hydroxystearic Acid		106-14-9	<5
Hydrotreated heavy naphthenic distillate		64742-57-0	<90
Titanium dioxide		13463-67-7	<10

Contains no other ingredients now known to be hazardous as defined by OSHA 29 CFR 1910.1000(z).

<b>SECTION 3</b>	<b>HAZARD IDENTIFICATION</b>
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**Principle Hazards:** Slightly combustible  
 Prolonged or repeated skin contact may cause dermatitis.  
 See section 11 for complete health hazard information.

**Threshold Limits:** The PEL (OSHA) and the TLV (ACGIH) is 5 mg/m<sup>3</sup> as an oil mists.

**Primary Routes of Exposure:**

<b>EYE</b>	May cause eye irritation. No significant adverse effects expected.
<b>SKIN</b>	Repeated or prolonged contact with skin may cause irritation which may lead to various skin disorders. Avoid prolonged skin contact.
<b>INHALATION</b>	No significant adverse health effects are expected to occur on short term exposure.
<b>ORAL</b>	Ingestion may cause nausea, diarrhea and stomach discomfort.

<b>SECTION 4</b>	<b>FIRST AID MEASURES</b>
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ORAL	DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.
EYE	Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
SKIN	Wash immediately with soap and water. Remove soiled clothing. Get medical attention if irritation develops. Launder contaminated clothing.
INHALATION	Remove exposed person to fresh air. If breathing is labored, administer oxygen and obtain immediate medical attention. If irritation persists or if toxic symptoms are observed, get medical attention.

<b>SECTION 5</b>	<b>FIRE FIGHTING MEASURES</b>
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**FLASH POINT:** >200° C (COC) >392°F

Slightly combustible. May release flammable vapors when heated above flash point.

**EXTINGUISHING MEDIA** Carbon Dioxide, dry chemical, or foam. Avoid using water.

**HAZARDOUS EXPOSURE** Carbon monoxide and asphyxiants.

**SPECIAL FIRE PROCEDURES** Recommend SCBA. Use water only for cooling container. Water may cause splattering, or transport the flame.

<b>SECTION 6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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Evacuate all non-essential personnel. Personal Protective Equipment must be worn, see PPE section 8 & 16. Remove sources of ignition. Prevent entry into sewers and waterways. Contain release, pick up for recycling or disposal. Residual liquid can be absorbed with inert material. Check DOT/CERCLA and other agencies for reporting requirements.

Prevent contamination to soil, waterway and sewer systems.

<b>SECTION 7</b>	<b>HANDLING AND STORAGE</b>
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**HANDLING** Avoid prolonged skin contact, breathing vapors, and contaminated clothing. Use with adequate ventilation. Wear recommended protective equipment. Practice good personal hygiene after handling.  
Empty containers retain material residue. Do not cut, weld, braze, solder or expose containers to other ignition sources.

**STORAGE** Store in closed containers of proper construction. Store away from ignition sources and in areas of good ventilation.

<b>SECTION 8</b>	<b>EXPOSURE CONTROLS - PERSONAL PROTECTION</b>
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**EXPOSURE LIMITS** TLV = 5 mg/m<sup>3</sup> as oil mist

**VENTILATION** Use in areas of adequate ventilation

**GLOVES** Use nitrile or neoprene gloves are recommended.

**EYE PROTECTION** Safety glasses, goggles, or face shield are recommended.

**RESPIRATORY** Self-contained breathing apparatus is recommended for confined space entry.

**CLOTHING** Long sleeve shirt and apron when potential for skin contact. Wear neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	White grease	Ph:	n/d
BOILING POINT:	>300° C	SOLUBILITY:	negligible
EVAPORATION POINT:	less than ether	SPECIFIC GRAVITY:	.909
FLAMMABILITY:	combustible	VAPOR DENSITY:	heavier than air
FLASH POINT:	> 200° C	VAPOR PRESSURE:	<0.01mm Hg @ 20° C
ODOR:	petroleum odor	VOC, %:	nil

**SECTION 10 STABILITY AND REACTIVITY**

STABILITY	Material is normally stable at ambient temperature and pressure.
CONDITIONS TO AVOID	Oxidizing agents. Do not heat above the flash point.
POLYMERIZATION	Will not occur.
DECOMPOSITION	Carbon dioxide, carbon monoxide.

**SECTION 11 TOXICOLOGICAL INFORMATION**

ORAL TOXICITY	Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.
EYE IRRITATION	Not expected to cause eye irritation.
SKIN IRRITATION	Not expected to be a primary skin irritant. Prolonged or repetitive contact may cause irritation.
CARCINOGENIC	This material has not been identified as a carcinogen by NTP, IARC, or OSHA.

**SECTION 12 ECOLOGICAL INFORMATION**

This material is expected to have adverse affects on marine and plant life. Spills may contaminate drinking water.

**SECTION 13 DISPOSAL CONSIDERATIONS**

DISPOSAL	Consult federal, state, and local regulations regarding disposal methods, Recycle used oil. Do not contaminate used oil with solvents or other chemicals.
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**SECTION 14 TRANSPORTATION INFORMATION**

See 49 CFR part 171.8 through 178.510  
 DOT SHIPPING NAME: Oil, n.o.s.  
 DOT HAZARD CLASS: not regulated  
 UN/NA NUMBER:  
 GUIDE NUMBER: 27  
 IMDG CODE:

Materials classified as DOT Combustible Liquids (Flash Point > 141° F and < 200° F) are not regulated by DOT in containers of 110 gallons, or less for domestic shipments.

SECTION 15	REGULATORY INFORMATION
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TSCA	All components of this material are on the US TSCA inventory.
SARA 311	
SARA 312	
SARA 313	no listed
CAL PROP 65	not listed
RCRA	not listed
CERCLA	listed

SECTION 16	OTHER INFORMATION
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	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>PPE</u>
HMIS CODE:	1	1	0	C
NFPA CODE:	1	1	0	

PRECAUTIONARY LABELS: NA

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