

MATERIAL SAFETY DATA SHEET

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Trade Name: SYNLUBE SYNTHETIC LUBRICANT

I. DISTRIBUTED BY:

Manufacturer's Warehouse
P. O. Box 28025 – Fresno, CA 93729-8025
Office: 559-435-4321 Fax: 559-435-3921

II. HAZARDOUS INGREDIENTS

Hazard Determination:

Material is not hazardous as defined by OSHA. Material is not a WHMIS controlled product. Hazard Communication Standard, 29CFR1910.1200. Lubricant contains no ingredients listed as carcinogen or potential carcinogen by NTP, IARC, OSHA. Lubricant contains no ingredients listed on California Prop 65.

Non-Hazardous Ingredients:

40-70% synthetic hydrocarbon, CAS # (trade secret)
This material is not known to be hazardous
5-25% calcium complex, CAS # (trade secret)
Components of this material are not known to be hazardous
5-30% synthetic hydrocarbon, CAS # (trade secret)
This material is not known to be hazardous.

III. PHYSICAL DATA

<u>Boiling Point:</u>	650-790° F	<u>Specific Gravity:</u>	.895
<u>Vapor Density:</u>	n/a	<u>% Volatile By Volume.:</u>	nil
<u>Appearance:</u>	light brown	<u>Melting Point:</u>	- 110°F
<u>Vapor Pressure:</u>	nil	<u>Solubility in Water:</u>	nil
<u>Evaporation Rate:</u>	n/a	<u>PH:</u>	neutral
<u>Volatile Organic Content:</u>	0 gm./liter		

IV. FIRE AND EXPLOSION DATA

Flash Point: 380° F COC
Auto Ignition Temperature: 555 ° F
Flammable Limits in Air: n/a
Extinguishing Media: Use water spray, dry chemical, foam, or carbon dioxide.
Special fire fighting procedures: Water or foam may cause frothing. Use water to keep containers cool. Water spray may be used to flush spills.
Unusual Fire / Explosion Hazard: Products of combustion may contain carbon monoxide, carbon dioxide, or other materials. Do not enter enclosed or confined area without proper protective equipment including respiratory equipment.

V. HEALTH HAZARD INFORMATION

Inhalation: No volatiles, inhalation is unlikely route. Acute inhalation in rats LC50 MG/LITER, greater than 2.0 (non-toxic)
Skin Contact: Repeated exposure can cause irritation. Recommend using impenetrable gloves. Wash off with soap and water. Primary skin irritation in rabbits: Average score: 1.88 (mild irritant)
Skin Absorption: Unlikely. Use protective gear during continued or extreme exposure.
Eye Contact: Can cause irritation. Use safety glasses at all times, goggles when handling in overhead or when agitating. Eye irritant in rabbits.
Washed – mild irritant. Unwashed – minimal irritant.
Ingestion: Oral LD50 (rat at 5000 mg/kg no deaths).

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VI. EFFECTS OF OVEREXPOSURE

Acute Overexposure: Potential skin and eye irritant.

Chronic Overexposure: Product may cause irritation to eyes, lungs, or skin after repeated exposure. Overexposure may cause central nervous system

VII. EMERGENCY AND FIRST AID PROCEDURES

Eyes: Wash with water for 15 minutes. If irritation persists, consult physician.

Skin: Use protective clothing for sensitive skin, wash with soap and

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult..

Ingestion: If large amounts are ingested, do not induce vomiting. Consult physician as gastric lavage may be indicated.

VII. REACTIVITY DATA

Conditions Contributing to Instability: Generally stable, keep away from flame and heat sources.

Incompatibility: Keep away from strong oxidizers.

Hazardous Decomposition Products: Generally none, except as carbon dioxide during incomplete combustion. Conditions contributing to hazardous polymerization: None.

VIII. DISPOSAL, SPILL OR LEAK PROCEDURES

Aquatic Toxicity: None known

Waste Disposal Method: Use absorptive material and dispose at professional disposal complying with state, federal, and local regulations.

If Material is Spilled or Released: Contain spill immediately in smallest area possible. Soak up with oil absorbing material and dispose as regulated by local, state and federal regulations.

Neutralizing Chemicals: None indicated.

IX. SPECIAL PROTECTIVE INFORMATION

Ventilation:: Normal shop ventilation.

Respiratory: None normally required except as noted in section IV.

Eye: Always wear safety glasses. Chemical goggles if danger of splash or drip exists.

Gloves: Recommend impervious type.

HMIS Rating: Health 1, Flammability 1, Reactivity 0, Personal Protection A.

X. SPECIAL PRECAUTIONS

Lube contains no ingredients listed as carcinogen or potential carcinogen by NTP, IARC, OSHA.

Lubricant contains no ingredients listed on California Prop 65.

Handling or Storage Requirements: DOT Label: Not Regulated

OSHA Label: Not Regulated

Product is Class IIIB Combustible

Liquid per NFPA Code No. 30-1984 Store / Handle accordingly.

MSDS Updated: 11/17/06

Responsible for MSDS: Larry Isaacson: (402) 489-6492