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### **Why outsource your chemical product compliance?**

Nexreg is the leader in chemical product compliance and maintains a dedicated research staff to monitor changes in government regulations. There are added benefits as well; an Empagio study of executives discovered the top three reasons companies outsource. Nexreg provides all three:

1. **INCREASED EFFICIENCY** – By utilizing Nexreg's team of experts your company can use its personnel for more mission-critical tasks.
2. **SAVING TIME** - Nexreg's regulatory compliance team can greatly reduce regulatory turn-around time allowing your company's products to reach markets faster.
3. **COST SAVINGS** - Nexreg's team can reduce your company's regulatory costs by 50-65%.

### **Nexreg offers a number of regulatory compliance services, such as:**

- MSDS authoring for a variety of jurisdictions
- Label compliance for consumer, cosmetic and industrial markets
- Regulatory consulting
- Government submissions and formulation reviews
- Technical translation

Please contact us for more information about these services, pricing, or answers to any of your questions.

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# MATERIAL SAFETY DATA SHEET

Super-Lube

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Super-Lube  
**Product Number:** 90651  
**Product Use:** Lubricant.  
**Manufacturer/Supplier:** USA Lubricants, Inc.  
1100 Industrial Avenue  
Vernon Hills, Illinois 60061  
USA  
**Phone Number:** 800-857-4544  
**Emergency Phone:** 800-424-9300 CHEMTREC  
**Date of Preparation:** October 1, 2005  
**Date of Previous Version:** October 1, 2002

## Section 2: HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

WARNING:

MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION.

**Potential Health Effects:** See Section 11 for more information.

**Likely Routes of Exposure:** Skin contact, skin absorption, eye contact, inhalation and ingestion.

**Eye:** May irritate eyes.

**Skin:** May irritate skin.

**Ingestion:** May cause stomach distress, nausea or vomiting.

**Inhalation:** Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness). Aspiration of material into lungs can cause chemical pneumonitis.

**Chronic Effects:** Prolonged or repeated exposure can cause drying, defatting and dermatitis.

**Signs and Symptoms:** Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

**Medical Conditions Aggravated By Exposure:** Certain pre-existing conditions may make workers particularly susceptible to the effects of this chemical: asthma, allergies, impaired pulmonary function.

**Target Organs:** Not available.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Potential Environmental Effects:** This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems. See Section 12 for more information.

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	UN #	Wt. %
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	Not applicable.	60 - 100



#### Section 4: FIRST AID MEASURES

- Eye Contact:** Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
- Skin Contact:** After contact with skin, wash immediately with plenty of water. Remove and wash contaminated clothing before re-use. If irritation persists, get medical attention.
- Inhalation:** If breathed in, move person into fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.
- Ingestion:** If swallowed, call a Poison Control Centre or doctor immediately. DO NOT induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. If swallowed, rinse mouth with water (only if the person is conscious).

**General Advice:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).

**Note to Physicians:** Symptoms may be delayed.

#### Section 5: FIRE FIGHTING MEASURES

**Flammability:** Not flammable by WHMIS/OSHA criteria.

**Means of Extinction:**

**Suitable Extinguishing Media:** Powder, water spray, foam, carbon dioxide.

**Unsuitable Extinguishing Media:** Not available.

**Hazardous Combustion Products:** Oxides of carbon.

**Explosion Data:**

**Sensitivity to Mechanical Impact:** Not available.

**Sensitivity to Static Discharge:** Not available.

**Protection of Firefighters:** In case of fire and/or explosion do not breathe fumes. Firefighters should wear full protective clothing including self contained breathing apparatus.

**Specific Hazards Arising from the Chemical:** Not available.

**Conditions to Avoid:** Not available.

#### Section 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use personal protection recommended in Section 8. Isolate area. Keep unnecessary personnel away.

**Environmental Precautions:** Prevent entry into waterways, sewers, basements or confined areas.

**Methods for Containment:** Prevent further leakage or spillage if safe to do so. Use sand, perlite or vermiculite as an absorbent for large spills of this material.

**Methods for Clean-Up:** Sweep up or gather material and place in appropriate container for disposal.

**Other Information:** Not available.

**Section 7: HANDLING AND STORAGE****Handling:**

Avoid contact with eyes. Avoid contact with skin. Do not swallow. Do not breathe vapor. Use only in a well-ventilated area. Handle and open container with care. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

**Storage:**

Keep out of the reach of children. Store in a closed container away from incompatible materials. Store in a cool, dry, well-ventilated area. Keep container tightly closed. Keep away from food, drink and animal feedingstuffs.

**Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines**

Ingredient(s)	Exposure Limits	
	OSHA-PEL	ACGIH-TLV
Distillates (petroleum), hydrotreated light naphthenic	5 mg/m <sup>3</sup> (mist)	5 mg/m <sup>3</sup> (mist)

**Engineering Controls:** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**Personal Protective Equipment:**

**Eye/Face Protection:** Wear safety glasses with side shields.

**Hand Protection:** Wear suitable gloves.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**General Hygiene Considerations:**

Handle in accordance with good industrial hygiene and safety practice.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear.
<b>Color:</b>	Colorless.
<b>Odour:</b>	Petroleum odor.
<b>Odour Threshold:</b>	Not available.
<b>Physical State:</b>	Liquid.
<b>pH:</b>	Not applicable.
<b>Viscosity:</b>	Not available.
<b>Freezing Point:</b>	Not available.
<b>Boiling Point:</b>	Not available.
<b>Flash Point:</b>	> 300 °F (> 149 °C)
<b>Evaporation Rate:</b>	Negligible.
<b>Lower Flammability Limit:</b>	Not available.
<b>Upper Flammability Limit:</b>	Not available.



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<b>Vapor Pressure:</b>	Negligible.
<b>Vapor Density:</b>	>1 (Air = 1)
<b>Specific Gravity:</b>	0.848
<b>Solubility in Water:</b>	Negligible.
<b>Coefficient of Water/Oil Distribution:</b>	Not available.
<b>Auto-ignition Temperature:</b>	Not available.
<b>Percent Volatile, wt. %:</b>	Not available.
<b>VOC content, wt. %:</b>	Not available.
<b>Molecular Weight:</b>	Not applicable.

## Section 10: STABILITY AND REACTIVITY

- Stability:** Stable under recommended storage conditions.
- Conditions of Instability:** Not available.
- Conditions of Reactivity:** No dangerous reaction known under conditions of normal use.
- Incompatible Materials:** Acids. Oxidizers.
- Hazardous Decomposition Products:** Oxides of carbon.
- Possibility of Hazardous Reactions:** Will not occur.
- Spontaneous Polymerization:** Will not occur.
- Conditions to Avoid:** Not available.

## Section 11: TOXICOLOGY INFORMATION

### EFFECTS OF ACUTE EXPOSURE

#### Component Analysis

<b>Ingredient(s)</b>	<b>IDLH</b>	<b>LD<sub>50</sub> (oral)</b>	<b>LC<sub>50</sub></b>
Distillates (petroleum), hydrotreated light naphthenic	10000 ppm	Not available.	Not available.

- Eye:** May irritate eyes. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Skin:** May irritate skin. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
- Ingestion:** Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
- Inhalation:** May cause respiratory tract irritation. Aspiration of material into lungs can cause chemical pneumonitis.

### EFFECTS OF CHRONIC EXPOSURE

- Target Organs:** Not available.
- Chronic Effects:** Not hazardous by WHMIS/OSHA criteria.
- Carcinogenicity:** Not hazardous by WHMIS/OSHA criteria.



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## Ingredient(s)

**Chemical Listed as Carcinogen or Potential Carcinogen \***  
Not listed.

Distillates (petroleum), hydrotreated light naphthenic

\* See Section 15 for more information.

**Mutagenicity:** Not hazardous by WHMIS/OSHA criteria.

**Reproductive Effects:** Not hazardous by WHMIS/OSHA criteria.

### Developmental Effects:

**Teratogenicity:** Not hazardous by WHMIS/OSHA criteria.

**Embryotoxicity:** Not hazardous by WHMIS/OSHA criteria.

**Respiratory Sensitization:** Not hazardous by WHMIS/OSHA criteria.

**Skin Sensitization:** Not hazardous by WHMIS/OSHA criteria.

**Toxicologically Synergistic Materials:** Not available.

## Section 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

**Persistence / Degradability:** Not available.

**Bioaccumulation / Accumulation:** Not available.

**Mobility in Environment:** Not available.

## Section 13: DISPOSAL CONSIDERATIONS

### Disposal Instructions:

This material and its container must be disposed of in a safe way. Dispose in accordance with all applicable regulations.

## Section 14: TRANSPORTATION INFORMATION

### United States (DOT)

Not regulated.

### Canada (TDG)

Not regulated.

### Mexico (NOM-004-SCT2-1994)

Not regulated.

## Section 15: REGULATORY INFORMATION

### Federal Regulations

**US:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).

**Canadian:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**Mexico:** MSDS prepared pursuant to NOM-018-STPS-2000.

### SARA Title III

Ingredient(s)	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313
Distillates (petroleum), Hydrotreated light naphthenic	-	-	-	No.



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## State Regulations

### California Proposition 65:

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

## Global Inventories

Ingredient(s)	Canada DSL/NDSL	USA TSCA
Distillates (petroleum), hydrotreated light naphthenic	DSL	Yes.

## NFPA - National Fire Protection Association:

Health - 1      Fire - 1      Reactivity - 0

**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

## WHMIS Classification(s):

Class D2B - Skin/Eye Irritant

## WHMIS Hazard Symbols:



## SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

**OSHA (O)** Occupational Safety and Health Administration.

**ACGIH (G)** American Conference of Governmental Industrial Hygienists.

- A1 - Confirmed human carcinogen.
- A2 - Suspected human carcinogen.
- A3 - Animal carcinogen.
- A4 - Not classifiable as a human carcinogen.
- A5 - Not suspected as a human carcinogen.

**IARC (I)** International Agency for Research on Cancer.

- 1 - The agent (mixture) is carcinogenic to humans.
- 2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
- 2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
- 3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
- 4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

**NTP (N)** National Toxicology Program.

- 1 - Known to be carcinogens.
- 2 - Reasonably anticipated to be carcinogens.

## Section 16: OTHER INFORMATION

### Disclaimer:

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

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