



# Material Safety Data Sheet # 321

Hercules Chemical Company Inc.  
111 South Street  
Passaic NJ 07055-7398  
Information Telephone: 1-800 221-9330  
Internet: www.herchem.com

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"><tr><td>Health Hazard</td><td>1</td></tr><tr><td>Fire Hazard</td><td>1</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health Hazard	1	Fire Hazard	1	Reactivity	0		
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Fire Hazard	1								
Reactivity	0								

Preparation Date 14-Jul-2006

Revision Date 4-Aug-2009

Revision Number 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Hercules Lube Oil  
**Recommended Use** Lubricant

**Supplier Address**  
Hercules Chemical Company, Inc.  
111 South St.  
Passaic, NJ 07055  
TEL: 973-778-5000

**Company Emergency Phone Number** 1-800-221-9330  
**Emergency Telephone Number** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### WARNING!

#### Emergency Overview

May be harmful if swallowed, inhaled, or absorbed through skin  
Irritating to eyes, respiratory system and skin  
May produce an allergic reaction  
May cause chronic health effects based on data from laboratory animals

**Appearance** Amber

**Physical State** Liquid

**Odor** Petroleum distillates

### Potential Health Effects

**Principle Routes of Exposure** Skin contact, Inhalation, Ingestion.

#### Acute Effects

**Eyes**  
**Skin**

Irritating to eyes.  
Irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.  
**Inhalation** No known effect based on information supplied  
**Ingestion** May be harmful if swallowed.

#### Chronic Effects

Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons. Repeated contact may cause allergic reactions in very susceptible persons.

#### Aggravated Medical Conditions

Allergies. Skin disorders.

#### Potential Environmental Effects

See Section 12 for additional Ecological information

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Residual oils (petroleum), solvent dewaxed	64742-62-7	30-60
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	30-60
Residual oils (petroleum), hydrotreated	64742-57-0	30-60

### 4. FIRST AID MEASURES

<b>General Advice</b>	Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
<b>Inhalation</b>	Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician.
<b>Notes to Physician</b>	Treat symptomatically
<b>Protection of First-aiders</b>	Use personal protective equipment.

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Combustible material: may burn but does not ignite readily.
<b>Flash Point</b>	210°C / 410°F
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Explosion Data</b>	
<b>Sensitivity to mechanical impact</b>	Not sensitive
<b>Sensitivity to static discharge</b>	Not sensitive

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

<b>NFPA</b>	<b>Health</b> 2	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Physical Hazard</b> -
<b>HMIS</b>	<b>Health</b> 1	<b>Flammability</b> 1	<b>Instability</b> 0	<b>B</b>

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so
<b>Methods for Clean-up</b>	Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Prevent product from entering drains.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not breathe vapors or spray mist. Do not eat, drink or smoke when using this product.
<b>Storage</b>	Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Guidelines</b>	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
<b>Engineering Controls</b>	Showers Eyewash stations Ventilation systems
<b>Personal Protective Equipment</b>	
<b>Eye/face Protection</b>	Safety glasses with side-shields.
<b>Skin Protection</b>	Wear protective gloves/clothing.
<b>Respiratory Protection</b>	None required under normal usage. In case of mist, spray or aerosol exposures wear suitable personal respiratory protection and protective suit.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Amber	<b>Odor</b>	Petroleum distillates
<b>Physical State</b>	Liquid	<b>pH</b>	No information available
<b>Flash Point</b>	210°C / 410°F	<b>Autoignition Temperature</b>	Not applicable
<b>Boiling Point/Range</b>	No data available	<b>Melting Point/Range</b>	No data available
<b>Flammability Limits in Air</b>	No data available		
<b>Specific Gravity</b>	0.88	<b>Water Solubility</b>	Insoluble in water
<b>Solubility</b>	No data available	<b>VOC Content</b>	0.0231%

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid</b>	Heat, flames and sparks. Keep away from open flames, hot surfaces and sources of ignition.
<b>Incompatible Materials</b>	None known based on information supplied.
<b>Hazardous Decomposition Products</b>	Carbon monoxide, Carbon dioxide (CO <sub>2</sub> ), Hydrocarbons.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Residual oils (petroleum), solvent dewaxed	5000 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	2.18 mg/L ( Rat ) 4 h
Lubricating oils, petroleum, hydrotreated spent	2000 mg/kg ( Rat )	2000 mg/kg ( Rat ) 4480 mg/kg ( Rabbit )	

### Chronic Toxicity

**Chronic Toxicity** Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons. Repeated contact may cause allergic reactions in very susceptible persons.

**Carcinogenicity** There are no known carcinogenic chemicals in this product.

**Reproductive Effects** This product does not contain any known or suspected reproductive hazards.

**Target Organ Effects** None known

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

May cause long-term adverse effects in the environment.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261).

**Contaminated Packaging** Dispose of in accordance with local regulations.

## 14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated



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**16. OTHER INFORMATION**

**Preparation Date** 14-Jul-2006

**Revision Date**

**Revision Summary** No information available

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**