



## Safety Data Sheet

Material Name: OSTER BESTOIL, DARK OR LANCUT THREAD CUTTING OIL

SDS ID: 00230043

### \*\*\* Section 1 - PRODUCT AND COMPANY IDENTIFICATION\*\*\*

#### Synonyms

THREAD CUTTING OIL

**Material Name:** OSTER BESTOIL, DARK OR LANCUT THREAD CUTTING OIL

#### Manufacturer Information

LANDIS THREADING SYSTEMS

Phone: (717) 762-3151

360 South Church Street

Waynesboro, PA 17268-2659

Emergency # 1-800-424-9300 (CHEMTREC)

### \*\*\* Section 2 - HAZARDS IDENTIFICATION\*\*\*

#### EMERGENCY OVERVIEW

**Physical Form:** liquid

**Odor:** petroleum odor

**Health Hazards:** eye irritation, suspect cancer hazard (in animals)

#### POTENTIAL HEALTH EFFECTS

##### Inhalation

**Short Term:** nausea, vomiting, diarrhea, cough, sore throat, difficulty breathing

**Long Term:** no information is available

##### Skin

**Short Term:** mild irritation

**Long Term:** irritation, skin disorders

##### Eye

**Short Term:** irritation (possibly severe), tearing

**Long Term:** no information is available

# Safety Data Sheet

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SDS ID: 00230043

## Ingestion

**Short Term:** stomach pain, nausea, vomiting, diarrhea

**Long Term:** loss of coordination, liver damage, reproductive effects, cancer

### \*\*\* Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS\*\*\*

CAS	Component	Percent
68201-54-7	PARAFFIN OILS, SULFURIZED	85.0
72162-15-3	1-DECENE, SULFURIZED	7.5
63449-39-8	CHLORINATED PARAFFINS	5.0
61790-49-6	SULFURIZED LARD OIL	2.5

### \*\*\* Section 4 - FIRST AID MEASURES\*\*\*

#### Inhalation

If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.

#### Skin

Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.

#### Eyes

Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

#### Ingestion

If a large amount is swallowed, get medical attention.

### \*\*\* Section 5 - FIRE FIGHTING MEASURES\*\*\*

See Section 9 for Flammability Properties

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SDS ID: 00230043

NFPA Ratings: Health: 2 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## Flammable Properties

Slight fire hazard.

## Extinguishing Media

carbon dioxide, regular dry chemical, regular foam, water

## Fire Fighting Measures

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

### \*\*\* Section 6 - ACCIDENTAL RELEASE MEASURES\*\*\*

#### Water Release

Subject to California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). Keep out of water supplies and sewers.

#### Occupational spill/release

Stop leak if possible without personal risk. **Small spills:** Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

### \*\*\* Section 7 - HANDLING AND STORAGE\*\*\*

#### Storage Procedures

Store and handle in accordance with all current regulations and standards. See original container for storage recommendations. Keep separated from incompatible substances.

### \*\*\* Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION\*\*\*

#### Component Analysis

ACGIH, OSHA and NIOSH have not developed exposure limits for any of this product's components.

#### Ventilation

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

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CUTTING OIL

SDS ID: 00230043

## PERSONAL PROTECTIVE EQUIPMENT

### Eyes/Face

Wear splash resistant safety goggles with a faceshield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

### Protective Clothing

Wear appropriate chemical resistant clothing.

### Glove Recommendations

Wear appropriate chemical resistant gloves.

### Protective Materials

neoprene, nitrile

### Respiratory Protection

Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

At minimum an air-purifying respirator with a high-efficiency particulate filter is recommended.

Consult with a health and safety professional for specific respirators appropriate for your use.

**\*\*\* Section 9 - PHYSICAL AND CHEMICAL PROPERTIES\*\*\***

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<b>Physical State:</b> Liquid	<b>Appearance:</b> dark clear
<b>Physical Form:</b> liquid	<b>Odor:</b> petroleum odor
<b>Odor Threshold:</b> Not available	<b>pH:</b> Not available
<b>Melting Point:</b> Not available	<b>Boiling Point:</b> Not available
<b>Flash Point:</b> 188 °C	<b>Evaporation Rate:</b> Not available
<b>OSHA Flammability Class:</b> III B	<b>Vapor Pressure:</b> Not available
<b>Vapor Density (air = 1):</b> Not available	<b>Density:</b> Not available
<b>Specific Gravity (water = 1):</b> 0.91	<b>Water Solubility:</b> insoluble
<b>Coeff. Water/Oil Dist:</b> Not available	<b>Viscosity:</b> 284 SUS 38 °C
<b>Volatility:</b> Not available	

## \*\*\* Section 10 - STABILITY AND REACTIVITY \*\*\*

### Chemical Stability

Stable at normal temperatures and pressure.

### Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

### Materials to Avoid

oxidizing materials, peroxides, chlorine, alkali metals, aluminum, copper

### Decomposition Products

oxides of carbon, oxides of sulfur, hydrogen chloride

### Possibility of Hazardous Reactions

Will not polymerize.

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## \*\*\* Section 11 - TOXICOLOGICAL INFORMATION\*\*\*

### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

#### CHLORINATED PARAFFINS (63449-39-8)

Oral LD50 Mouse 21800 mg/kg; Oral LD50 Rat 26100 mg/kg; Dermal LD50 Rabbit >10 mL/kg

### RTECS Acute Toxicity (selected)

The components of this material have been reviewed, and RTECS publishes the following endpoints:

#### CHLORINATED PARAFFINS (63449-39-8)

Oral: >21500 uL/kg Oral Rat LD50; 26100 mg/kg Oral Rat LD50

Skin: >10 mL/kg Skin Rabbit LD50

### Acute Toxicity Level

#### CHLORINATED PARAFFINS (63449-39-8)

Non Toxic: ingestion

### Component Carcinogenicity

#### CHLORINATED PARAFFINS (63449-39-8)

IARC: Monograph 48 [1990] (Group 2B (possibly carcinogenic to humans))

DFG: Category 3B (could be carcinogenic for man)

### RTECS Irritation

The components of this material have been reviewed, and RTECS publishes the following endpoints:

#### CHLORINATED PARAFFINS (63449-39-8)

100 mg Eyes Rabbit mild; 100 mg/24 hour Skin Rat mild

### RTECS Reproductive Effects

The components of this material have been reviewed, and RTECS publishes the following endpoints:

#### CHLORINATED PARAFFINS (63449-39-8)

16.6 gm/kg Oral Rat TDLo (prior to copulation 28 day(s), post 4 day(s), continuous)

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CUTTING OIL

SDS ID: 00230043

### \*\*\* Section 12 - ECOLOGICAL INFORMATION\*\*\*

#### Component Analysis - Aquatic Toxicity

##### CHLORINATED PARAFFINS (63449-39-8)

Fish: 96 Hr LC50 Lepomis macrochirus: >300 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: >0.0109 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 94.5-271 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: >0.1 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >100 mg/L [static]

Invertebrate: 24 Hr EC50 Daphnia magna: 102 mg/L

### \*\*\* Section 13 - DISPOSAL CONSIDERATIONS\*\*\*

#### Disposal Methods

Dispose in accordance with all applicable regulations.

#### Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

### \*\*\* Section 14 - TRANSPORT INFORMATION\*\*\*

#### US DOT Information

Shipping Name: Environmentally hazardous substances, liquid, n.o.s. (Contains: CHLORINATED PARAFFINS)

UN/NA #: UN3082 Hazard Class: 9 Packing Group: III

Required Label(s): 9

#### TDG Information

Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Contains: CHLORINATED PARAFFINS)

UN #: UN3082 Hazard Class: 9 Packing Group: III

Required Label(s): 9

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<b>*** Section 15 - REGULATORY INFORMATION***</b>
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### U.S. Federal Regulations

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

#### SARA 311/312

**Acute Health: No Chronic Health: Yes Fire: No Pressure: No Reactive: No**

### U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
CHLORINATED PARAFFINS	63449-39-8	No	Yes	No	No	No	No

Not regulated under California Proposition 65

### Component Analysis - Inventory

Component	CAS	US	CA	EU	AU	PH	JP	KR	CN	NZ
PARAFFIN OILS, SULFURIZED	68201-54-7	Yes	DSL	EIN	Yes	Yes	Yes	Yes	No	No
1-DECENE, SULFURIZED	72162-15-3	Yes	DSL	EIN	No	No	Yes	Yes	Yes	Yes
CHLORINATED PARAFFINS	63449-39-8	Yes	DSL	EIN	Yes	Yes	Yes	Yes	Yes	Yes
SULFURIZED LARD OIL	61790-49-6	Yes	DSL	EIN	Yes	Yes	Yes	Yes	Yes	Yes



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## \*\*\* Section 16 - OTHER INFORMATION\*\*\*

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

### Other Information

**NOTICE:** The above information while believed to be correct does not purport to be complete or all inclusive and shall be used only as a guide. Neither ATI Stellram nor any of its parent corporations or affiliates shall be held liable for any damage resulting from any omission or from handling or from contact with the above product. Any technical comments or questions should be directed to the Director of Safety and Environment at (615) 641-4200.

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