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Revision Number 1

## 1. Identification of the substance/preparation and of the Company/undertaking

### Product Identifier

**Product Type** Landis - Supplies  
**Product name** **OSTER BESTOIL, DARK OR LANCUT THREAD CUTTING OIL**  
**Product code** L95122

### Other means of identification

**Synonyms** No information available

### Recommended use of the chemical and restrictions on use

**Recommended Use** For use in industrial installations only.

### Details of the Supplier of the Safety Data Sheet

#### Emergency Telephone Number

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**Emergency Telephone Number** CHEMTREC: +1-703-527-3887  
(INTERNATIONAL) 1-800-424-9300 (NORTH AMERICA)

## 2. Hazards Identification

### Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

### Label Elements

#### Emergency Overview

##### Hazard Statements

- Causes mild skin irritation
- Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

**Appearance** Dark clear

**Physical State** liquid

**Odor** Petroleum solvent

### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

### Skin

IF ON SKIN: Wash with plenty of soap and water

### Inhalation

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

**Ingestion**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

**Hazards not otherwise classified (HNOC)****OTHER INFORMATION****3. Composition/Information on Ingredients**

Chemical name	Formula	CAS-No	weight-%	GHS Classification
Paraffin Oils, Sulfurized		68201-54-7	> 50	
1-Decene, Sulfurized		72162-15-3	5 - 10	
Chlorinated Paraffins		63449-39-8	5 - 10	
Sulfurized Lard Oil		61790-49-6	2.5 - 3	

**NOTE**

The classification as a carcinogen need not apply if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen. This note applies only to certain complex oil derived substances in Annex I.

**4. First aid measures****FIRST AID MEASURES****General advice**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing.

**Skin contact**

Wash skin with soap and water.

**Inhalation**

Not expected. Move to fresh air in case of accidental inhalation of vapors or decomposition products. If not breathing, give artificial respiration.

**Ingestion**

Do NOT induce vomiting unless directed to do so by a physician. Consult a physician.

**Self-protection of the first aider**

Self-protection of the first aider. Wear suitable gloves.

**Most important symptoms and effects, both acute and delayed****Most important symptoms and effects, both acute and delayed**

Hives.

**Indication of any immediate medical attention and special treatment needed****Notes to Physician**

Treat symptomatically.



## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use CO2, dry chemical or foam. Water can be used to cool and protect exposed material.
<b>Specific hazards arising from the chemical</b>	
<b>Protective equipment and precautions for firefighters</b>	Use personal protective equipment as required

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### Personal precautions

**Environmental precautions** Avoid release to the environment.

**Methods and material for containment and cleaning up** Prevent further leakage or spillage if safe to do so. Collect in closed and suitable containers for disposal.

## 7. Handling and Storage

**Precautions for safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible products**

**Specific use(s)** For use in industrial installations only. Restricted to professional users.

## 8. Exposure Controls/Personal Protection

### Control parameters

#### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

#### Individual protection measures, such as personal protective equipment

**Eye Protection** Wear safety glasses with side shields (or goggles). Eye-irrigation bottle with pure water.

**Skin Protection** Long sleeved clothing.

**Hand Protection** Protective gloves.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

**Biological standards**

## 9. Physical and Chemical Properties



## Information on basic physical and chemical properties

<b>Physical State</b>	liquid	<b>Appearance</b>	Dark clear
<b>Odor</b>	Petroleum solvent	<b>pH</b>	
<b>Melting point/freezing point</b>		<b>Boiling temperature / boiling range</b>	No information available
<b>Flash Point</b>	188 °C	<b>Evaporation Rate</b>	
<b>Flammability (solid, gas)</b>		<b>Flammability Limits in Air</b>	
<b>Upper flammability limits</b>		<b>Lower Flammability Limit</b>	
<b>Vapor Pressure</b>		<b>Vapor Density</b>	
<b>Specific gravity</b>	0.91 g/cm <sup>3</sup>	<b>Water solubility</b>	
<b>Solubility in other solvents</b>		<b>Partition coefficient</b>	
<b>Autoignition temperature</b>		<b>Decomposition Temperature</b>	
<b>Kinematic viscosity</b>		<b>Dynamic viscosity</b>	248 SUS 38°C

## OTHER INFORMATION

### 10. Stability and Reactivity

**Reactivity** Stable under normal conditions

No data available

#### Chemical stability

**Possibility of Hazardous Reactions** None under normal processing.

#### Conditions to avoid

Heat, flames and sparks. Keep away from open flames, hot surfaces and sources of ignition.

#### incompatible materials

Oxidizing agents. Peroxides. Aluminium. copper.

**Hazardous decomposition products** Carbon oxides. Hydrogen chloride. Sulfur oxides.

### 11. Toxicological Information

#### Information on likely routes of exposure

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Chlorinated Paraffins - 63449-39-8	> 23 400 mg/kg bw		Inhalation LC50 (4 hrs)

#### Information on toxicological effects

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity** Contains no ingredient listed as a carcinogen.

#### Numerical measures of toxicity - Product Information



mg/kg mg/l

## 12. Ecological Information

### 12.1. Ecotoxicity

Chemical name	Algae toxicity	Acute Fish toxicity	Toxicity to Microorganisms	Daphnia magna
Chlorinated Paraffins 63449-39-8	NOEC 0.1 mg/L 96h	> 770 mg/L 96h		5.1 mg/L 48h

**12.2 Persistence and degradability** No information available.

**Bioaccumulation/Accumulation** This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

## 13. Disposal Considerations

**Waste treatment methods** It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

## 14. Transport Information

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**ICAO / IATA-DGR** Not regulated

**IMO / IMDG** Not regulated

## 15. Regulatory Information

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

### **U.S. Federal Regulations**

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories**

Acute health hazard	no
Chronic Health Hazard	no
Fire Hazard	no
Sudden release of pressure hazard	no



Reactive Hazard

no

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label information

CANADA

**16. Other Information**

<u>NFPA</u>	Health hazard 2	Flammability 1	Instability 0	Physical and Chemical Hazards -
<u>HMIS</u>	Health hazard 2	Flammability 1	Physical hazards 0	Personal precautions X

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Revision Note No information available

Disclaimer

Landis Solutions urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific SDSs, we are not and cannot be responsible for SDS's obtained from any source other than ourselves. If you have obtained an SDS from another source or if you are not sure that the SDS you have is current, please contact us for the most current version.

End of Safety Data Sheet