

# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	ECOCUT VANISHING LUBE
<b>Other means of identification</b>	No data available.
<b>Recommended use:</b>	Metalworking fluid
<b>Restrictions on use:</b>	Industrial use only

### Manufacturer/Importer/Distributor Information

#### Manufacturer

Company Name: FUCHS LUBRICANTS CANADA LTD.  
 Address: 405 Dobbie Drive  
 Cambridge, ON N1T 1S8  
 Telephone: 519-622-2040  
 Fax: 519-622-2220  
 Contact Person: Technical Services Department

**Emergency telephone number:** 519-622-2040 (Bus. hrs) CANUTEC 1-888-226-8832 (24 hrs)

## 2. Hazard identification

### Hazard Classification

#### Physical Hazards

Flammable liquids Category 3

#### Health Hazards

Aspiration Hazard Category 1

#### Unknown toxicity - Health

Acute toxicity, inhalation, vapor 5 %

Acute toxicity, inhalation, dust 100 %  
or mist

% of the mixture consists of an ingredient or ingredients of unknown acute toxicity

### Label Elements

#### Hazard Symbol:



<b>Signal Word:</b>	Danger
<b>Hazard Statement:</b>	Flammable liquid and vapor. May be fatal if swallowed and enters airways.
<b>Precautionary Statements</b>	
<b>Prevention:</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves/eye protection/face protection.
<b>Response:</b>	IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
<b>Storage:</b>	Store in a well-ventilated place. Keep cool. Store locked up.
<b>Disposal:</b>	Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.
<b>Other hazards which do not result in GHS classification:</b>	None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)*
Hydrotreated heavy naptha, Mineral spirit	Mineral spirit,	64742-48-9	80 - 100%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

<b>Ingestion:</b>	Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
<b>Inhalation:</b>	Move to fresh air. Call a POISON CENTER/doctor if you feel unwell.
<b>Skin Contact:</b>	Remove contaminated clothing and shoes. Wash contact areas with soap and water. If skin irritation occurs: Get medical advice/attention.
<b>Eye contact:</b>	Flush thoroughly with water. If irritation occurs, get medical assistance. Continue to rinse for at least 15 minutes.

### Most important symptoms/effects, acute and delayed

**Symptoms:** No data available.

**Hazards:** No data available.

### Indication of immediate medical attention and special treatment needed

**Treatment:** Get medical attention if symptoms occur.

## 5. Fire-fighting measures

**General Fire Hazards:** Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Water spray, fog, CO<sub>2</sub>, dry chemical, or regular foam. Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Avoid water in straight hose stream; will scatter and spread fire.

**Specific hazards arising from the chemical:** Vapors may travel considerable distance to a source of ignition and flash back. Vapors may cause a flash fire or ignite explosively. Prevent buildup of vapors or gases to explosive concentrations.

### Special protective equipment and precautions for fire-fighters

**Special fire-fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. Keep unauthorized personnel away. Ensure adequate ventilation. See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Methods and material for containment and cleaning up:** Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. In case of leakage, eliminate all ignition sources. Dike far ahead of larger spill for later recovery and disposal. Use non-sparking tools.

**Environmental Precautions:** Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

## 7. Handling and storage

<b>Precautions for safe handling:</b>	<p>End-users should follow industry best practices for handling and using this product.</p> <p>Guidance may be found using the current version of ASTM Standard E1497-05: Standard Practice for Selection and Safe Use of Water-Miscible and Straight Oil Metal Removal Fluids Observe good industrial hygiene practices. Wear appropriate personal protective equipment. Do not expose to intense heat as product may expand and pressurize container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Take precautionary measures against static discharges.</p>
<b>Conditions for safe storage, including any incompatibilities:</b>	<p>Store locked up. Store in a well-ventilated place. Store in a cool place. Flammable liquid storage.</p>

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
Hydrotreated heavy naptha, Mineral spirit	TWA	525 mg/m3	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (11 2010)

<b>Appropriate Engineering Controls</b>	No data available.
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### Individual protection measures, such as personal protective equipment

<b>General information:</b>	Use explosion-proof ventilation equipment. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
<b>Eye/face protection:</b>	Wear safety glasses with side shields (or goggles).
<b>Skin Protection</b>	
<b>Hand Protection:</b>	No data available.
<b>Other:</b>	Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.
<b>Respiratory Protection:</b>	In case of inadequate ventilation use suitable respirator. Seek advice from supervisor on the company's respiratory protection standards.
<b>Hygiene measures:</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

## 9. Physical and chemical properties

### Appearance

Physical state:	liquid
Form:	No data available.
Color:	Colorless
Odor:	Mild
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash Point:	> 43 °C (Tagliabue Closed Cup)
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower limit on flammability or explosive limits	
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper:	No data available.
Explosive limit - lower:	No data available.
Vapor pressure:	> 7 hPa (20 °C)
Vapor density:	No data available.
Density:	No data available.
Relative density:	0.761 (15.6 °C)
Solubility(ies)	
Solubility in water:	Insoluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	1.4 mm <sup>2</sup> /s (40 °C, Measured)

## 10. Stability and reactivity

Reactivity:	Not reactive during normal use.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	None under normal conditions.
Conditions to avoid:	Heat, sparks, flames.
Incompatible Materials:	No data available.

**Hazardous Decomposition Products:** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

## 11. Toxicological information

### Information on likely routes of exposure

**Inhalation:** Harmful if inhaled. Spray mist may irritate the respiratory system.

**Skin Contact:** Prolonged or repeated skin contact may cause drying, cracking, or irritation.

**Eye contact:** Eye contact is possible and should be avoided.

**Ingestion:** Harmful if swallowed. Ingestion may result in vomiting; aspiration (breathing) of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis.

### Symptoms related to the physical, chemical and toxicological characteristics

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

### Information on toxicological effects

#### Acute toxicity (list all possible routes of exposure)

**Oral Product:** ATEmix: > 5000 mg/kg

**Dermal Product:** ATEmix: 2000 - 5000 mg/kg

**Inhalation Product:** Not classified for acute toxicity based on available data.

**Delayed and immediate effects, including chronic effects from short- and long-term exposure**  
**Product:** No data available.

**Skin Corrosion/Irritation**  
**Product:** No data available.

**Serious Eye Damage/Eye Irritation**  
**Product:** No data available.

**Respiratory or Skin Sensitization**  
**Product:** No data available.

**Carcinogenicity**  
**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**ACGIH Carcinogen List:**

No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Aspiration Hazard**

**Product:** May be fatal if swallowed and enters airways.

**Other effects:** No data available.

## 12. Ecological information

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

#### Aquatic Invertebrates

**Product:** No data available.

#### Toxicity to Aquatic Plants

**Product:** No data available.

#### Persistence and Degradability

##### Biodegradation

**Product:** No data available.

##### BOD/COD Ratio

**Product:** No data available.

#### Bioaccumulative potential

##### Bioconcentration Factor (BCF)

**Product:** No data available.

##### Partition Coefficient n-octanol / water (log Kow)

**Product:** No data available.

##### Mobility in soil:

No data available.

##### Other adverse effects:

No data available.

### 13. Disposal considerations

#### Disposal instructions:

Discharge, treatment, or disposal may be subject to national, state, or local laws. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. It is the responsibility of the product user or owner to determine at the time of disposal, which waste regulations must be applied.

#### Contaminated Packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. Transport information

#### TDG

UN number or ID number:	UN 1268
UN Proper Shipping Name:	PETROLEUM DISTILLATES, N.O.S.(Mineral spirits)
Transport Hazard Class(es)	
Class:	3
Label(s):	3
EmS No.:	
Packing Group:	III
Excepted quantity	PIN for exception quantity
Environmental Hazards:	No
Marine Pollutant	No

Special precautions for user:

Not regulated under the Transportation of Dangerous Goods Act when transported by road or rail in packagings or containers of 450 L or less (waste excluded).

## IMDG

UN number or ID number:  
UN Proper Shipping Name:  
Transport Hazard Class(es)  
Class:  
Label(s):  
EmS No.:

UN 1268  
PETROLEUM DISTILLATES, N.O.S.(Mineral spirits)  
3  
3  
F-E, S-E

Packing Group:  
Limited quantity

III  
5.00L

Excepted quantity

PIN for exception quantity

Environmental Hazards:  
Marine Pollutant

No  
No

Special precautions for user:

Not regulated.

## IATA

UN number or ID number:  
Proper Shipping Name:  
Transport Hazard Class(es):  
Class:  
Label(s):

UN 1268  
Petroleum distillates, n.o.s.(Mineral spirits)  
3  
3

Packing Group:  
Excepted quantity

III  
PIN for exception quantity

Environmental Hazards:  
Marine Pollutant

No  
No

Special precautions for user:  
Cargo aircraft only:

Not regulated.  
Allowed.

## 15. Regulatory information

### Canada Federal Regulations

#### List of Toxic Substances (CEPA, Schedule 1)

Not Regulated

#### Export Control List (CEPA 1999, Schedule 3)

Not Regulated

### National Pollutant Release Inventory (NPRI)

Canada. National Pollutant Release Inventory (NPRI) Substances, Part 5, VOCs with Additional Reporting Requirements

NPRI PT5

Hydrotreated heavy  
naptha, Mineral spirit

Listed.

**Canada. National Pollutant Release Inventory (NPRI) (Schedule 1, Parts 1-4)**

NPRI

Not Regulated

**Greenhouse Gases**

Not Regulated

**16. Other information, including date of preparation or last revision**

**Issue Date:** 06/21/2023

**Revision Date:** 06/21/2023

**Version #:** 1.1

**Further Information:** No data available.

**Disclaimer:** This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.