

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : TriLube smøreolje
Chemical name : Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified
EC no : 265-158-7
CAS No : 64742-55-8

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Use of the substance/mixture : Lubricant for material pump in HT paint pump

Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Clemco Norge AS
Tvetenveien 156
0671 Oslo - Norge
T +47 23 12 51 20
clemco@clemco.no - www.clemco.no

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Norway	Giftinformasjonen HelseDirektoratet	P.O. Box 7000 St. Olavs Plass 0130 Oslo	+47 22 591300	Ambulance: 113

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Asp. Tox. 1 H304

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

May be fatal if swallowed and enters airways.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS08

Signal word (CLP) :

Danger

Hazard statements (CLP) :

H304 - May be fatal if swallowed and enters airways

Precautionary statements (CLP) :

P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician
P331 - Do NOT induce vomiting

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substance

TriLube smøreolje

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according to Regulation (EU) 2015/830

Name	Product identifier	%
Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified	(CAS No) 64742-55-8 (EC no) 265-158-7	100

Comments : Note L : The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3

Full text of H-statements: see section 16

3.2. Mixture

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : In case of doubt or persistent symptoms, consult always a physician. Emergency telephone number, see section 1.4.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with soap and water. Take off contaminated clothing and wash it before reuse.

First-aid measures after eye contact : Flush with lukewarm water for 15 minutes. Remove contact lenses, if present and easy to do. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get immediate medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : Vapours or aerosols : May cause slight irritation.

Symptoms/injuries after skin contact : Repeated exposure may cause skin dryness or cracking.

Symptoms/injuries after eye contact : May cause slight irritation.

Symptoms/injuries after ingestion : Ingestion may cause nausea, vomiting and diarrhea. Risk of lung oedema. Symptoms of respiratory complications (lung oedema) may occur several hours after.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam, powder, carbon dioxide (CO₂), water spray.

Unsuitable extinguishing media : Do not use straight streams.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Non flammable. Combustible if heated. Under fire conditions closed containers may rupture or explode.

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂). fume.

5.3. Advice for firefighters

Precautionary measures fire : Evacuate area. Cool tanks/drums with water spray/remove them into safety.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Other information : Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ventilate spillage area. Remove ignition sources. Avoid breathing vapor or mist. Use personal protective equipment as required. Refer to section 8. Spilled material may present a slipping hazard.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into inert absorbent material.

Other information : Dispose of materials or solid residues at an authorized site. Dispose as hazardous waste. Refer to section 13.

6.4. Reference to other sections

For further information refer to section 8 and 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Remove ignition sources. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Wear personal protective equipment. Refer to section 8.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a well-ventilated place. Keep cool.
- Incompatible materials : Strong oxidizers.
- Heat and ignition sources : Keep away from sources of ignition.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

TriLube smøreolje (64742-55-8)

Norway	Oil vapour: 50 mg/m ³ Oil mist (mineral oil particles): 1 mg/m ³
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8.2. Exposure controls

- Appropriate engineering controls : Ensure good ventilation of the work station.

Hand protection:

Wear suitable gloves resistant to chemical penetration

Type	Material	Permeation	Thickness (mm)	Standard
---	Nitrile rubber (NBR)	6 (> 480 minutes)	---	EN 374

Eye protection:

If there is a risk of liquid being splashed : Chemical goggles or face shield. EN 166

Skin and body protection:

Normal overalls

Respiratory protection:

Normally not necessary. If risk of inhalation of vapors, use respiratory protection with filter A. EN 14387

- Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Colour : Clear. pale.
- Odour : Mild. Petroleum.
- Odour threshold : No data available
- pH : No data available
- Relative evaporation rate (butyl acetate=1) : No data available
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Flash point : > 176,7 °C
- Auto-ignition temperature : 354 °C
- Decomposition temperature : No data available
- Flammability (solid, gas) : Not applicable
- Vapour pressure : < 1
- Relative vapour density at 20 °C : > 1 (air=1)
- Relative density : No data available
- Density : 0,84 - 0,88 g/cm³ (15,6°C)
- Solubility : Insoluble in water.

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Log Pow	: No data available
Viscosity, kinematic	: 20,5 - 114 cSt (40°C)
Viscosity, dynamic	: No data available
Explosive properties	: Not explosive.
Oxidising properties	: Non flammable.
Explosive limits	: No data available

9.2. Other information

Viscosity, kinematic	: 4,1 - 12,6 cSt (100°C)
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SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat and ignition sources.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified. Based on available data, the classification criteria are not met. IF SWALLOWED: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea

TriLube smøreolje (64742-55-8)	
LD50 oral rat	> 5000 mg/kg
Skin corrosion/irritation	: Not classified. Based on available data, the classification criteria are not met. Repeated exposure may cause skin dryness or cracking
Serious eye damage/irritation	: Not classified. Based on available data, the classification criteria are not met. May cause moderate irritation
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (single exposure)	: Not classified. Based on available data, the classification criteria are not met. Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation
Specific target organ toxicity (repeated exposure)	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: May be fatal if swallowed and enters airways.

TriLube smøreolje (64742-55-8)	
Viscosity, kinematic	20,5 - 114 mm ² /s (40°C)

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye. Used product may contain contaminations with greater health risks than the original product.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Does not contain any ingredients currently classified as Dangerous for the Environment.

TriLube smøreolje (64742-55-8)	
LL50/IL50, Fish, algae, daphnia	> 100 mg/l (48/96 Hours)

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12.2. Persistence and degradability

TriLube smørelje (64742-55-8)

Persistence and degradability	Not biodegradable.
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12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

TriLube smørelje (64742-55-8)

Ecology - soil	Insoluble in water. Floats on water. Danger of drinking-water pollution (ground water).
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12.5. Results of PBT and vPvB assessment

TriLube smørelje (64742-55-8)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Norwegian waste code: 7011 Waste oil, refundable / 7012 Waste oil, non-refundable.

Waste treatment methods : Hazardous waste. Remove to an authorized waste treatment plant.

European List of Waste (LoW) code : 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Not regulated

- Transport by sea

Not regulated

- Air transport

Not regulated

- Inland waterway transport

Not regulated

- Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU-Regulations

No REACH Annex XVII restrictions

TriLube smøreolje is not on the REACH Candidate List

TriLube smøreolje is not on the REACH Annex XIV List

National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:

LD50	Median lethal dose
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
	LL50 - 50% Lethal loading

Full text of H- and EUH-statements:

Asp. Tox. 1	Aspiration hazard, Category 1
H304	May be fatal if swallowed and enters airways
Asp. Tox. 1	H304

Data sources : Safety Data Sheet from the supplier/manufacturer.

Other information : Compiled by SDS-Chemie, Bente Frogner.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product