

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 21.06.2024

Supersedes date: 01.06.2016

Version: 2

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
CAS-no.:	64742-55-8
EC-no.:	265-158-7

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

Relevant identified uses: Lubricant for material pump in HT paint pump.

1.3. Details of the supplier of the safety data sheet

Clemco Norge AS
Industriveien 8
1481 Hagan
Norge
Tel.: +47 23 12 51 20
E-post: clemco@clemco.no
www.clemco.no

1.4. Emergency telephone number

Giftinformasjonen (Norway): +47 22 59 13 00

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 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):



Signal word:	DANGER
Hazardous ingredients:	Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified
Hazard statements:	H304 - May be fatal if swallowed and enters airways.
Precautionary statements:	P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician.

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P331 - Do NOT induce vomiting.

2.3. Other hazards

PBT / vPvB:	This substance 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.
Endocrine disrupting properties:	The substance does not contain endocrine disruptors above 0.1%, according to (EU) 2017/2100 or (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. Substances

Name	Product identifier	Content	Classification
Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified	CAS-no. 64742-55-8 EC-no. 265-158-7	100 %	Asp. Tox. 1; H304

Note:	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.
Comments:	Full text of H-statements: see section 16.

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.
In case of inhalation:	Remove person to fresh air and keep comfortable for breathing.
In case of skin contact:	Wash skin with soap and water. Take off contaminated clothing and wash it before reuse.
In case of contact with eyes:	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.
In case of ingestion:	Rinse mouth. Do not induce vomiting. Give milk or water to drink. Do not 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 medical advice/attention.

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

In case of inhalation:	Vapours or aerosols: May cause slight irritation.
In case of skin contact:	Repeated exposure may cause skin dryness or cracking.
In case of contact with eyes:	May cause slight irritation.
In case of 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

Other information:	Treat symptomatically.
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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: Not classified as flammable. Combustible if heated. Under fire conditions closed containers may rupture or explode.
Hazardous decomposition products in case of fire: May include, but not limited to: Carbon oxides (CO, CO₂). fume.

5.3. Advice for firefighters

Precautionary measures fire: Cool tanks/drums with water spray/remove them into safety.
Protection during firefighting: Wear a self-contained breathing apparatus (SCBA) and appropriate personal protective equipment (PPE).
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. 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 absorbent material.
Other information: Dispose of materials or solid residues at an authorized site. Refer to section 13.

6.4. Reference to other sections

For further information refer to section 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. 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.
Conditions to avoid: Keep away from sources of ignition.

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7.3. Specific end use(s)

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limit:

Local name (Norway)	Product identifier	Workplace exposure limit	Comments
Oil vapour	-	50 mg/m ³	
Oil mist (mineral oil particles)	-	1 mg/m ³	

Regulatory reference: FOR 2011-12-06 nr. 1358, Regulations concerning Action and Limit values (Norway)

8.2. Exposure controls

Appropriate engineering controls:

Appropriate engineering controls: Ensure good ventilation of the work station. Personal protective equipment must be chosen on the basis of the risk assessment. The supplier of the protective equipment can assist in the evaluation and choice of the equipment.

Eye / face protection:

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

Hand protection:

Suitable gloves: Wear suitable gloves resistant to chemical penetration. Nitrile.
Breakthrough time: > 480 minutes
Glove thickness: No information available.
Standard: EN 374

Skin protection:

Suitable protective clothing: Wear suitable protective clothing.

Respiratory protection:

Respiratory protection: Normally not necessary. If risk of inhalation of vapours, use respiratory protection with filter A.
Standard: EN 14387

Environmental exposure controls:

Avoid release to the environment.

Other information:

Eye wash station should be available at the workplace.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Clear. Pale
Odour:	Mild. Petroleum.
Melting point / freezing point:	No data available
Boiling point:	No data available
Flammability:	Combustible if heated

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Explosion limit:	No data available
Flash point:	> 176.7 °C
Auto-ignition temperature:	354 °C
Decomposition temperature:	No data available
pH:	Not relevant
Kinematic viscosity:	20,5 - 114 cSt (40°C), 4,1 - 12,6 cSt (100°C)
Solubility:	Insoluble in water
Partition coefficient n-octanol/water (Log Pow):	No data available
Vapour pressure:	10 Pa (20°C)
Density / relative density:	0,84 - 0,88 g/cm ³ (15,6°C)
Relative vapour density:	> 1 (air=1)
Particle characteristics:	Not relevant

9.2. Other information

Comments: No additional information available.

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 of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Overheating.

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. See also section 5.2.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Assessment of classification, acute toxicity (oral),	Not classified. (Based on available data, the classification criteria are not met.)
Assessment of classification, acute toxicity (dermal):	Not classified. (Based on available data, the classification criteria are not met.)
Assessment of classification, acute toxicity (inhalation):	Not classified. (Based on available data, the classification criteria are not met.)

LD50 oral rat	> 5000 mg/kg
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Skin corrosion / irritation

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

Serious eye damage/ irritation

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

Respiratory or skin sensitisation

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

Germ cell mutagenicity

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

Carcinogenicity

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

Reproductive toxicity

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

STOT – single exposure

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

STOT – repeated exposure

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

Aspiration hazard

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

Symptoms of exposure

In case of inhalation: Vapours or aerosols: May cause slight irritation.
In case of skin contact: Repeated exposure may cause skin dryness or cracking.
In case of contact with eyes: May cause slight irritation.
In case of ingestion: Ingestion may cause nausea, vomiting and diarrhea. Risk of lung oedema. Symptoms of respiratory complications (lung oedema) may occur several hours after.

11.2 Information on other hazards

Endocrine disruptors properties: The substance does not contain endocrine disruptors above 0.1%, according to (EU) 2017/2100 or (EU) 2018/605.

Other information: Used product may contain contaminations with greater health risks than the original product.

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute): Not classified. (Based on available data, the classification criteria are not met.)

Hazardous to the aquatic environment, long-term (chronic): Not classified. (Based on available data, the classification criteria are not met.)

LL50/IL50, Fish, algae, daphnia	> 100 mg/l (48/96 hours)
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12.2. Persistence and degradability

Persistence and degradability: Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Insoluble in water. Floats on water. Danger of drinking-water pollution (ground water).

12.5. Results of PBT and vPvB assessment

PBT / vPvB: This substance does not meet the PBT / vPvB criteria of REACH regulation, annex XIII.

12.6. Endocrine disrupting properties

Endocrine disrupting properties: The substance does not contain endocrine disruptors above 0.1%, according to (EU) 2017/2100 or (EU) 2018/605.

12.7. Other adverse effects

Additional information: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

Additional information: The stated LoW code is indicative and must be considered in relation to the actual condition of the chemical. The final code must be determined by the user, based on the actual use of the chemical.

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

Norwegian waste code: 7011 Waste oil, refundable / 7012 Waste oil, non-refundable.

SECTION 14: Transport information

14.1. UN number

Not regulated.

14.2. UN proper shipping name

Not regulated.

14.3. Transport hazard class(es)

Not regulated.

14.4. Packing group

Not regulated.

14.5. Environmental hazards

Not regulated.

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14.6. Special precautions for user

Not regulated.

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

Not applicable.

SECTION 15: Regulatory information

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

References (laws/regulations) (Norway):	Regulation No. 622 on classification labelling and packaging of substances and mixtures of substances (CLP). Regulation No. 516 on Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). FOR 2004-06-01 no 930, Waste Regulations, Ministry of Climate and Environment. FOR 2009-04-01 no 384, on road transportation of dangerous goods.
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15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Indication of changes:

Modified section 2, 5, 8, 9, 11, 12, 13, 15

Full text of H- and EUH-statements:

H304	May be fatal if swallowed and enters airways
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Abbreviations and acronyms:

LD50	Median lethal dose
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative

Data sources:	Safety Data Sheet from the supplier/manufacturer.
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Prepared by:	SDS-Chemie, Bente Frogner
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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.