

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Lubricant Ltr.

**Product no.**

-

**REACH registration number**

Not applicable

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

**Relevant identified uses of the substance or mixture**

NA

**Uses advised against**

-

The full text of any mentioned and identified use categories are given in section 16

### 1.3. Details of the supplier of the safety data sheet

**Company and address**

Pureno A/S  
Rønnevangs Allé 8  
3400 Hillerød  
Denmark  
Tlf.: +45 70 260 267

**Contact person**

Kenneth Christensen

**E-mail**

mail@pureno.dk

**SDS date**

2018-05-17

**SDS Version**

2.0

### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Asp. Tox. 1; H304

STOT SE 3; H336

See full text of H-phrases in section 2.2.

### 2.2. Label elements

**Hazard pictogram(s)****Signal word**

Danger

**Hazard statement(s)**

May be fatal if swallowed and enters airways. (H304)

May cause drowsiness or dizziness. (H336)

**Safety statement(s)**

<b>General</b>	If medical advice is needed, have product container or label at hand. (P101). Keep out of reach of children. (P102).
<b>Prevention</b>	Use only outdoors or in a well-ventilated area. (P271).
<b>Response</b>	IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310).
<b>Storage</b>	Store locked up. (P405).
<b>Disposal</b>	Dispose of contents/container to an approved waste disposal plant. (P501).

#### Identity of the substances primarily responsible for the major health hazards

Naphtha (petroleum), hydrotreated heavy (0,1<benzen)

#### ▼ 2.3. Other hazards

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

#### Additional labelling

Repeated exposure may cause skin dryness or cracking. (EUH066)

#### ▼ Additional warnings

If this product is sold in retail, it must be delivered with child-resistant fastening.

#### VOC

Not applicable

### SECTION 3: Composition/information on ingredients

#### ▼ 3.1/3.2. Substances/Mixtures

NAME:	Naphtha (petroleum), hydrotreated heavy (0,1<benzen)
IDENTIFICATION NOS.:	CAS-no: 64742-48-9 EC-no: 265-150-3
CONTENT:	80-95%
CLP CLASSIFICATION:	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1 H226, H304, H336, EUH066

(\*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

-

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### ▼ General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service (dial 111, 24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

##### ▼ Inhalation

Bring the person into fresh air and stay with him/her.

##### ▼ Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

##### ▼ Eye contact

Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least 15 minutes. Seek medical assistance and continue flushing during transport.

##### ▼ Ingestion

Do not induce vomiting! If vomiting occurs, keep head facing down to prevent vomit entering the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should be kept under medical attention for a minimum of 48 hours.

##### Burns

Not applicable

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

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

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

IF exposed or concerned: Get immediate medical advice/attention.

#### Information to medics

Bring this safety data sheet.

## SECTION 5: Firefighting measures

### ▼ 5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

### ▼ 5.2. Special hazards arising from the substance or mixture

Nothing special

### ▼ 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

### ▼ 6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours from spilled material. Avoid direct contact with spilled substances.

### 6.2. Environmental precautions

No specific requirements.

### ▼ 6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

### ▼ 6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

## SECTION 7: Handling and storage

### ▼ 7.1. Precautions for safe handling

Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

### ▼ 7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Storage temperature

No data available.

### ▼ 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### ▼ OEL

No substances are listed in The Control of Substances Hazardous to Health Regulations with an occupational exposure limit.

#### ▼ DNEL / PNEC

DNEL (Naphtha (petroleum), hydrotreated heavy (0,1<benzen)): 300 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (Naphtha (petroleum), hydrotreated heavy (0,1<benzen)): 1500 mg/m3

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (Naphtha (petroleum), hydrotreated heavy (0,1<benzen)): 300 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

DNEL (Naphtha (petroleum), hydrotreated heavy (0,1<benzen)): 900 mg/m3

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - General population

DNEL (Naphtha (petroleum), hydrotreated heavy (0,1<benzen)): 300mg/kg bw/day

Exposure: Oral

Duration of Exposure: Long term – Systemic effects - General population

## 8.2. Exposure controls

- ▼ Control is unnecessary if the product is used as intended.

### General recommendations

- ▼ Observe general occupational hygiene standards.

### Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

### Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

### Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

Keep containment materials near the workplace. If possible, collect spillage during work.

## Individual protection measures, such as personal protective equipment



### Generally

Use only CE marked protective equipment.

### Respiratory Equipment

No specific requirements.

### Skin protection

Dedicated work clothing should be worn. Wear a protective suit in the event of prolonged periods of work with the product.

### Hand protection

Recommended: Nitrile rubber. Breakthrough time: > 480 minutes (Class 6)

Material thickness: 0,5 mm.

### Eye protection

No specific requirements.

## SECTION 9: Physical and chemical properties

### ▼ 9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Colourless
Odour	Characteristic
Odour threshold (ppm)	No data available.
pH	No data available.
Viscosity (40°C)	No data available.
Density (g/cm <sup>3</sup> )	0,85

### Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

### Data on fire and explosion hazards

Flash point (°C)	67
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.

### Solubility

Solubility in water	Soluble
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n-octanol/water coefficient  
**9.2. Other information**  
 Solubility in fat (g/L)

No data available.

No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### ▼ 10.2. Chemical stability

The product is stable under the conditions, noted in the section "Handling and storage".

### ▼ 10.3. Possibility of hazardous reactions

Nothing special

### ▼ 10.4. Conditions to avoid

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

### ▼ 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### ▼ Acute toxicity

Substance: Naphtha (petroleum), hydrotreated heavy (0,1<benzen)

Species: Rat

Test: LD50

Route of exposure: Dermal

Result: >5000mg/kg

Substance: Naphtha (petroleum), hydrotreated heavy (0,1<benzen)

Species: Rat

Test: LD50

Route of exposure: Oral

Result: >5000mg/kg

Substance: Naphtha (petroleum), hydrotreated heavy (0,1<benzen)

Species: Rat

Test: LC50

Route of exposure: Inhalation

Result: >5mg/L

#### ▼ Skin corrosion/irritation

No data available.

#### Serious eye damage/irritation

No data available.

#### Respiratory or skin sensitisation

No data available.

#### Germ cell mutagenicity

No data available.

#### Carcinogenicity

No data available.

#### Reproductive toxicity

No data available.

#### STOT-single exposure

May cause drowsiness or dizziness.

#### STOT-repeated exposure

No data available.

#### Aspiration hazard

May be fatal if swallowed and enters airways.

#### ▼ Long term effects

Nothing special

## SECTION 12: Ecological information

**▼ 12.1. Toxicity**

Substance: Naphtha (petroleum), hydrotreated heavy (0,1<benzen)  
 Species: Daphnia  
 Test: EC50  
 Duration: 48 h  
 Result: 1000mg/L

Substance: Naphtha (petroleum), hydrotreated heavy (0,1<benzen)  
 Species: Fish  
 Test: LC50  
 Duration: 96 h  
 Result: >1000 mg/l

Substance: Naphtha (petroleum), hydrotreated heavy (0,1<benzen)  
 Species: Algae  
 Test: EC50  
 Duration:  
 Result: >1000mg/l

**12.2. Persistence and degradability**

Substance	Biodegradability	Test	Result
Naphtha (petroleum), hydrotrea...	Yes	No data available	No data available

**12.3. Bioaccumulative potential**

Substance	Potential bioaccumulation	LogPow	BCF
No data available.			

**12.4. Mobility in soil**

No data available

**▼ 12.5. Results of PBT and vPvB assessment**

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

**▼ 12.6. Other adverse effects**

Nothing special

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Product is covered by the regulations on hazardous waste.

**▼ Waste**

EWC code  
 14 06 03\* other solvents and solvent mixtures

**Specific labelling**

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**▼ Contaminated packing**

Contaminated packaging must be disposed of similarly to the product.

**SECTION 14: Transport information****14.1 – 14.4****ADR/RID**

<b>14.1. UN number</b>	3295
<b>14.2. UN proper shipping name</b>	-
<b>14.3. Transport hazard class(es)</b>	3
<b>14.4. Packing group</b>	III
<b>Notes</b>	-
<b>Tunnel restriction code</b>	(D/E)

**IMDG**

<b>UN-no.</b>	3295
<b>Proper Shipping Name</b>	CARBONHYDRIDER, FLYDENDE, N.O.S. (Kulbrinter, C9-C11, n-alkaner, isoalkaner, cykliske, < 2% aromater)
<b>Class</b>	3
<b>PG*</b>	III
<b>EmS</b>	F-E, S-D
<b>MP**</b>	NO

<b>Hazardous constituent</b>	-
<b>IATA/CAO</b>	
<b>UN-no.</b>	3295
<b>Proper Shipping Name</b>	CARBONHYDRIDER, FLYDENDE, N.O.S. (Kulbrinter, C9-C11, n-alkaner, isoalkaner, cykliske, < 2% aromater)
<b>Class</b>	3
<b>PG*</b>	III

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

-

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

No data available

(\*) Packing group

(\*\*) Marine pollutant

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****▼ Restrictions for application**

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

**Demands for specific education**

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**Additional information**

If this product is sold in retail, it must be delivered with child-resistant fastening.

**Seveso**

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**Sources**

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).  
EC regulation 1907/2006 (REACH).

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information****▼ Full text of H-phrases as mentioned in section 3**

H226 - Flammable liquid and vapour.  
H304 - May be fatal if swallowed and enters airways.  
H336 - May cause drowsiness or dizziness.  
EUH066 - Repeated exposure may cause skin dryness or cracking.

**The full text of identified uses as mentioned in section 1**

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**Additional label elements**

Not applicable

**Other**

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:  
The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)  
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.  
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.  
A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked

According to EC-Regulation 2015/830

with a blue triangle.

**The safety data sheet is validated by**

KAO

**Date of last essential change**

**(First cipher in SDS version)**

2016-05-11(1.0)

**Date of last minor change**

**(Last cipher in SDS version)**

2016-05-11

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