

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Multi Oil 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

Lubricants, Greases and Release Products (PC24)

Transfer of substance or preparation into small containers (dedicated filling line, including weighing) (PROC 9)

Formulation [mixing] of preparations and/or re-packaging (excluding alloys) (SU 10)

Professional uses: Public domain (administration, education, entertainment, services, craftsmen) (SU 22)

Formulation of preparations (ERC2)

Metal articles (AC7)

**Uses advised against**

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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**

2018-03-26

**SDS Version**

1004.0

### 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

Eye Irrit. 2; H319

See full text of H-phrases in section 2.2.

### 2.2. Label elements

#### ▼ Hazard pictogram(s)



#### ▼ Signal word

Warning

▼ **Hazard statement(s)**

Causes serious eye irritation. (H319)

▼ **Safety statement(s)**

General

If medical advice is needed, have product container or label at hand. (P101).  
Keep out of reach of children. (P102).

Prevention

Wash hands/exposed skin thoroughly after handling. (P264).

Response

Wear eye protection. (P280).

If eye irritation persists: Get medical advice/attention. (P337+P313).

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338).

Storage

-

Disposal

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▼ **Identity of the substances primarily responsible for the major health hazards**

Not applicable

▼ **2.3. Other hazards**

Not applicable

▼ **Additional labelling**

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

▼ **Additional warnings**

Not applicable

▼ **VOC**

Not applicable

**SECTION 3: Composition/information on ingredients**▼ **3.1/3.2. Substances/Mixtures**

NAME:	naphtha (råolie), hydrogenbehandlet tung
IDENTIFICATION NOS.:	CAS-no: 64742-48-9 EC-no: 918-481-9
CONTENT:	25-40%
CLP CLASSIFICATION:	Asp. Tox. 1 H304

NAME:	Fedtalkoholoethoxylat
IDENTIFICATION NOS.:	CAS-no: 68439-46-3
CONTENT:	1 - <2.5%
CLP CLASSIFICATION:	Eye Dam. 1 H318

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

**Other information**

Eye Cat. 2 Sum = Sum(Ci/S(G)CLi) = 1,12 - 1,68

**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. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure to flush under the upper and lower eyelids.

If irritation continues, contact a doctor. Continue flushing during transport.

#### ▼ Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

#### Burns

Not applicable

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

#### ▼ 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

No specific requirements.

#### ▼ 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.

#### ▼ 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**

No data available

**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**

No specific requirements.

**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.

▼ **Hand protection**

Recommended: Nitrile rubber

▼ **Eye protection**

Wear safety glasses with side shields.

**SECTION 9: Physical and chemical properties**

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

Form	Liquid
Colour	Yellowish
Odour	Aromatic
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)	62
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	Insoluble
n-octanol/water coefficient	No data available.

▼ **9.2. Other information**

Solubility in fat (g/L)

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: Fedtalkoholoethoxylat

Species: Rat

Test: LD50

Route of exposure: Dermal

Result: 2000 mg/kg

Substance: Fedtalkoholoethoxylat

Species: Rabbit

Test: LD50

Route of exposure: Dermal

Result: 5000 mg/kg

Substance: Fedtalkoholoethoxylat

Species: Rat

Test: LD50

Route of exposure: Oral

Result: 2700 mg/kg

Substance: naphtha (råolie), hydrogenbehandlet tung

Species: Rat

Test: LD50

Route of exposure: Dermal

Result: &gt;2000 mg/kg

Substance: naphtha (råolie), hydrogenbehandlet tung

Species: Rat

Test: LD50

Route of exposure: Oral

Result: &gt;5000 mg/kg

Substance: naphtha (råolie), hydrogenbehandlet tung

Species: Rat

Test: LC50

Route of exposure: Inhalation

Result: &gt;5000 mg/kg 4 h

**▼ Skin corrosion/irritation**

No data available.

**▼ Serious eye damage/irritation**

Causes serious eye irritation.

**▼ 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**  
No data available.
- ▼ **STOT-repeated exposure**  
No data available.
- ▼ **Aspiration hazard**  
No data available.
- ▼ **Long term effects**

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

**SECTION 12: Ecological information**

▼ **12.1. Toxicity**

Substance: Fedtalkoholoethoxylat  
Species: Fish  
Test: LC50  
Duration:  
Result: 1-10mg/l

Substance: Fedtalkoholoethoxylat  
Species: Daphnia  
Test: EC50  
Duration:  
Result: 1-10mg/l

Substance: Fedtalkoholoethoxylat  
Species: Algae  
Test: EC50  
Duration:  
Result: 1-10mg/l

Substance: naphtha (råolie), hydrogenbehandlet tung  
Species: Fish  
Test: LC50  
Duration: 96 h  
Result: >1000 mg/l

Substance: naphtha (råolie), hydrogenbehandlet tung  
Species: Algae  
Test: EC50  
Duration:  
Result: >1000 mg/l

Substance: naphtha (råolie), hydrogenbehandlet tung  
Species: Daphnia  
Test: EC50  
Duration: 24 h  
Result: >1000 mg/l

▼ **12.2. Persistence and degradability**

Substance	Biodegradability	Test	Result
naphtha (råolie), hydrogenbeha...	Yes	Closed Bottle Test	80

▼ **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 not covered by regulations on dangerous waste.

▼ **Waste**

EWC code  
13.02.07

▼ **Specific labelling**

-

▼ **Contaminated packing**

Contaminated packaging must be disposed of similarly to the product.

## SECTION 14: Transport information

### 14.1 – 14.4

▼ **ADR/RID**

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

▼ **IMDG**

UN-no.	3295
Proper Shipping Name	CARBONHYDRIDER, FLYDENDE, N.O.S.
Class	3
PG*	III
EmS	F-D, S-U
MP**	NO
Hazardous constituent	-

▼ **IATA/ICAO**

UN-no.	3295
Proper Shipping Name	CARBONHYDRIDER, FLYDENDE, N.O.S.
Class	3
PG*	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**

-

▼ **Demands for specific education**

-

**Additional information**

Not applicable

**Seveso**

-

**Sources**

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**

H304 - May be fatal if swallowed and enters airways.

H318 - Causes serious eye damage.

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

PC24 = Lubricants, Greases and Release Products

PROC 9 = Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

SU 10 = Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

SU 22 = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

ERC2 = Formulation of preparations

AC7 = Metal articles

**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 with a blue triangle.

**The safety data sheet is validated by**

KAO

**Date of last essential change**

**(First cipher in SDS version)**

2018-02-20(1003.0)

**Date of last minor change**

**(Last cipher in SDS version)**

2018-02-20