

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (Reach)



Trade name : Heynau Longlife Oil
Revision date : 16.09.2015 Version : 1.2 Page 1 of 7
Print date : 16.09.15

1 Identification of the substance/preparation and of the company/undertaking

Trade name

HEYNAU Longlife Oil

Use of the substance / preparation

Lubricant

Supplier (manufacturer/importer/downstream user/distributor):

TFL Vojacek

Street / P. O. Box

Georg-Stöger-Str. 21

Country ID/Postal code/City

D – 83703 Gmund

Information provided by

TFL Vojacek

Telephone / Telefax / E-Mail

Tel. ++49 (0)8022 75373 / Fax ++49 (0)8022 76119 / info@tfl-vojacek.de

Emergency telephone number

++49 (0) 8022 75373 or ++49 (0) 8142 400470

These phone numbers are only manned during office hours

2 Hazards identification

Classification

Regulation EC 1272/2008 (CLP):



GHS 07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H335 May cause respiratory irritation.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P405 Store locked up.

Additional hazard warnings to humans and the environment

No known hazards

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03. Composition / information on ingredients

Chemical characterisation

Ingredients

Chemical name: 2,4 -Dicyclohexyl-2-methylpentan
EC-No. : 254-227-7 **CAS-No. :** 38970-72-8
Amount: 0 - 30 %
Classification acc. to Reg. (EC) No 1272/2008 (CLP): H315

Chemical name: Neopentylglycol – diisobornylether
EC-No. : 401-150-3 **CAS-No. :** 97804-41-6
Amount: 0 - 40 %
Classification acc. to Reg. (EC) No 1272/2008 (CLP): H315, H319, H335

Chemical name: Poly- α -Olefine
EC-No. : **CAS-No. :** 9003-29-6
Amount: 60 – 70 %
Classification acc. to Reg. (EC) No 1272/2008 (CLP): not classified as hazardous

Full text of H-phrases: see section 15

04. First aid measures

General information

Immediately remove any clothing soiled by the product. In all cases of doubt when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious Person.

In case of inhalation

Take the casualty in fresh air and keep warm. Keep at rest. Irregular breathing/no breathing: artificial respiration. Unconsciousness: lateral position – call a physician.

In case of skin contact

Remove soiled or soaked clothing immediately. Wash off with soap and water and rinse. Do NOT use solvents or thinners. If skin irritation continues, consult a physician.

In case of eye contact

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 – 15 min). Consult a physician if irritation occurs.

In case of ingestion

Wash out mouth and drink a lot of water in small sips (dilution effect). If symptoms persist consult a physician. No attempt to neutralize. Do not induce vomiting.

05. Fire-fighting measures

Suitable extinguishing media

Alcohol resistant foam, water spray, carbon dioxide (CO₂), powders.

Extinguishing media which must not be used for safety reasons

Water jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

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Special protective equipment for fire-fighters

Appropriate breathing apparatus may be required.

Additional information

Keep containers at risk cool with water spray from a safe distance. Avoid penetration of the fire-fighting water in surface water and ground water as well as soil.

06. Accidental release measures

Personal precautions

Not required. Follow safety measures according section 7 and 8.

Environmental precautions

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

Methods for cleaning up / collecting

Pump off large amounts. Contain and collect spillage with non-combustible absorbent materials, e.g. sand earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent.

Additional information

None

07. Handling and storage

Information for safe handling

Do not eat or drink during work – no smoking. Comply with the health and safety at work laws.

Information about protection against explosions and fires

No specific requirements, provided regulations for storage and applications are followed.

Requirements to be met by storerooms and containers

Long term storage temperature < 30 °C. Do not store in open or unlabeled containers.

Storage class VCI : 3 B (Flammable liquids)

Information about separation of incompatible products

No specific requirements.

Further information about storage conditions

No specific requirements.

08. Exposure controls / personal protection

Limits for occupational exposure and / or biological limit values

Occupational exposure limit (AGW) Germany

None established

Occupational exposure limit values of the European Union

None established

Occupational exposure controls

No measures required

Personal protection equipment

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Respiratory protection

For most conditions, no respiratory protection is needed; however, if handling at elevated temperature without sufficient ventilation or in presence of aerosols, use an approved air-purifying respirator.

Hand protection

Appropriate protective gloves

Eye protection

Use safety glasses

Body protection

Work clothes

Information on work hygiene

Always good personal hygiene such as washing after handling the material and before eating, drinking, and / or smoking. Work clothes and protective equipment regularly cleaned to remove impurities. Contaminated clothing and footwear, dispose of they cannot be cleaned. Provide for order and cleanness.

Environmental exposure controls

See section 6 and 7. No further measures needed

09. Physical and chemical properties

Appearance

Physical state: liquid
Colour: Honey coloured
Odour: pleasant, low

Safety relevant basic data

Explosion hazard :	The product is not explosive			
Lower explosion limit :				
Upper explosion limit :				
Vapour pressure :	(20 °C)	<0.002	hPa	
Density :	(20 °C)	0.932	g/cm ³	DIN 51 757
Viscosity, dynamic (mPa s) :	(20 °C)	ca. 100	mPa s	
Solubility in water :	(20 °C)	0.15	g/l	
pH-value: (0.1 g/l water)	(20 °C)	neutral		
Boiling point / range :	(1013 hPa)	280		
Flash point :		> 130	°C	DIN 51758
Ignition temperature :		250	°C	DIN 51794

10. Stability and reactivity

Conditions to avoid

Temperatures > 160 °C lead to change in colour, decomposition > 240 °C.

Materials to avoid

Keep away from strong oxidizing agents.

Hazardous decomposition products

At high temperatures, dangerous decomposition products such as Carbon monoxide and dioxide, smoke, oxides of nitrogen may be generated.

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11. Toxicological information

Acute effects (toxicity tests)

Specification: LD-50
Routes of entry: oral dermal
Test species: rat rat
Value / dosage: > 5000 mg/kg > 3000 mg/kg

Primary irritant effect:

on the skin: Irritant to skin and mucous membranes.
on the eye: Irritating effect.

Sensitization: No sensitizing effects known.

Experiences made in practice

No known toxicological effects.

12. Ecological information

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behaviour in environmental systems:

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment: The substance is not classified as PBT or vPvB.

Other adverse effects: No further relevant information available.

13. Disposal considerations

Appropriate disposal

In accordance with regulations for special waste, must be taken to an authorised special waste incineration plant. Disposal together with waste oil possible

Recommendation

Exact waste code arrange with the waste disposal contractor.

Waste codes / waste designations according to EWC / AVV

13 02 06* (synthetic machine- gear- and lubrication-oil)

14. Transport information

Land transport (ADR/RID/GGVSE)

Classification: No hazardous good for the purpose of the transport regulation.

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Sea transport IMDG/GGVSee

Classification: No hazardous good for the purpose of the transport regulation.

Air transport ICAO-TI und IATA-DGR

Classification: No hazardous good for the purpose of the transport regulation.

15. Regulatory information

National regulations (Germany)

Wassergefährdungsklasse (water hazard class)

Water hazard class 1, slightly hazardous to water (Self classification)

Technische Anleitung Luft (TA-Luft) (Technical instructions on air)

Not stated

Störfallverordnung (12. BImSchV) (Hazardous Incident Regulation)

Not subject to the provisions of the German Hazardous Incident Regulation

Lösemittelverordnung (31. BImSchV) (Solvent Regulation)

No solvent

Employment restrictions

None

Labelling according to Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS 07

Signal word Warning

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

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National regulatory information (Germany)

Water pollution classification

Water hazard class 1 (Self-assessment): slightly hazardous for water.

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Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to REACH, Article 57

The product does not contain any substances of very high concern (SVHC).

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16. Other Information

The details in this material safety data sheet satisfy national and EC legislation. We have no knowledge or control over the user's working conditions however. The user is responsible for the observance of all required statutory provisions.

Manufacturer's recommended use restrictions

Only for professional use – not for public

Changes since the last version

Composition changed, H1 like removed

Data sheet issued

TFL Vojacek, Tel.: ++49 (0)8022 75373

With the above information, based on the present state of knowledge and experience, we want to describe our product with respect to any safety requirements. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.