

Safety Data Sheet

Liquid Paraffin Oil

Replaces date: 2/1/2018

Issued: 6/14/2019
Version: 3.0.0

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

1.1. Product identifier

Trade name: Liquid Paraffin Oil

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

Recommended uses: Lamp oil.

1.3. Details of the supplier of the safety data sheet

Supplier

Company: TheBarBrand
Address: Skjernvej 142
Zip code: 7500
City: Holstebro
Country: DENMARK
E-mail: mail@thebarbrand.com
Phone: +45 24 82 29 82

1.4. Emergency Telephone Number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Asp. Tox. 1;H304

Most serious harmful effects: May be fatal if swallowed and enters airways. The product releases vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

2.2. Label elements

Pictograms



Signal word: Danger

Contains

Substance: Hydrocarbons, C10-C13, n-alkanes, < 2% aromatics

EC No: 929-018-5

Hazard Statements

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

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P102 Keep out of reach of children.
P301+310 IF SWALLOWED: Immediately call a POISON CENTER/doctor
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local regulation.

Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

Keep lamps filled with this liquid out of the reach of children. Just a sip of lamp oil — or even sucking the wick of lamps — may lead to life-threatening lung damage.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Hydrocarbons, C10-C13, n-alkanes, < 2% aromatics		929-018-5	01-2119475608-26	100%		Asp. Tox. 1;H304

Please see section 16 for the full text of H-phrases..

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Seek fresh air. Seek medical advice in case of persistent discomfort.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting. If vomiting occurs, keep head low so that stomach contents do not enter lungs. Seek medical advice immediately.

Skin contact: Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.

Eye contact: Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

Burns: Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.

General: When obtaining medical advice, show the safety data sheet or label.

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

May cause chemical pneumonia if ingested or vomited. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

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

No special immediate treatment required. Treat symptoms.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool

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non-ignited stock.

Unsuitable extinguishing media:

Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Can generate harmful flue gases containing carbon monoxide in the event of fire.

5.3. Advice for fire-fighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air. If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Stay upwind/keep distance from source. Stop leak if this can be done without risk. Wear gloves. In case of insufficient ventilation, wear respiratory protective equipment. Wear safety goggles if there is a risk of eye splash.

For emergency responders: In addition to the above: Protective suit equivalent to EN 368, type 3, is recommended.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use the product under well-ventilated conditions. Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Store in a dry, cool, well-ventilated area. Avoid heating and contact with ignition sources.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements

Measuring methods: Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

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Legal basis: Commission Directive 2000/39/EC (Occupational Exposure Limits) as subsequently amended. Last amended by Commission Directive 2017/164/EU.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eyeface protection: Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.

Personal protective equipment, hand protection: Light use , shortterm contact (below 10 min.): Plastic or rubber gloves recommended.
Medium use, medium contact (1-2 hours): Type of material: Nitrile rubber.
Heavy use, longterm contact (more than 2 hours): Type of material: Nitrile rubber.
Gloves must conform to EN 374.

Personal protective equipment, respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	Colourless
Odour	Odourless
Solubility	Solubility in water: Not miscible
Explosive properties	No data
Oxidising properties	Non-oxidising.

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	150 - 270 °C	
Flash Point	> 62 °C	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	0.4 - 7 vol%	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	1.5 - 2.2 cSt	(20 °C)
Odour threshold	No data	

9.2 Other information

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Parameter	Value/unit	Remarks
Density	0,74 - 0,76 g/cm ³ (15 °C)	

Other Information: Pour point: < -10 °C

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Strong oxidisers.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

10.5. Incompatible materials

Strong oxidisers.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Hydrocarbons, C10-C13, n-alkanes, < 2% aromatics, EC-no 929-018-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000mg/kg			

Ingestion may cause discomfort. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - dermal

Hydrocarbons, C10-C13, n-alkanes, < 2% aromatics, EC-no 929-018-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 2000mg/kg			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - inhalation

Hydrocarbons, C10-C13, n-alkanes, < 2% aromatics, EC-no 929-018-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	8h	> 5mg/l			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Skin corrosion/irritation

Hydrocarbons, C10-C13, n-alkanes, < 2% aromatics, EC-no 929-018-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit				Non-irritating		

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

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Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation

Hydrocarbons, C10-C13, n-alkanes, < 2% aromatics, EC-no 929-018-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit				Non-irritating		

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. Temporary irritation.

Respiratory sensitisation or skin sensitisation

Hydrocarbons, C10-C13, n-alkanes, < 2% aromatics, EC-no 929-018-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit				Non-irritating	OECD 404	

The product does not have to be classified. Test data are not available.

Germ cell mutagenicity: The product does not have to be classified. Test data are not available.

Carcinogenic properties: The product does not have to be classified. Test data are not available.

Reproductive toxicity

Hydrocarbons, C10-C13, n-alkanes, < 2% aromatics, EC-no 929-018-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	NOAEL (oral)		1000mg/kg	Negative	OECD 422	
Rat	NOAEL (Vapour)		5.22mg/l	Negative		

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Single STOT exposure: Inhalation of vapours may cause irritation to the upper airways. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. The product does not have to be classified. Test data are not available.

Repeated STOT exposure

Hydrocarbons, C10-C13, n-alkanes, < 2% aromatics, EC-no 929-018-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	Inhalation		10.4mg/l			
Rat	Oral.		> 5000mg/kg	Inhalation.		

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Aspiration hazard: May cause chemical pneumonia if ingested or vomited.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

Hydrocarbons, C10-C13, n-alkanes, < 2% aromatics, EC-no 929-018-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Oncorhynchus mykiss		96hLL50	10 - 100mg/l		OECD 203	
Crustacea	Daphnia magna		48hEL50	> 100mg/l			
Algae	Skeletonema costatum		72hEL50	> 100mg/l			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

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12.2. Persistence and degradability

Hydrocarbons, C10-C13, n-alkanes, < 2% aromatics, EC-no 929-018-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
		28 d		> 60%	Readily biodegradable.		

Expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulation can be expected. Test data are not available.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water.

If this product as supplied becomes a waste, it meets the criteria of a hazardous waste (Dir. 2008/98/EU). Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

Uncleansed packaging is to be disposed of via the local waste-removal scheme.

Category of waste:

EWC code: Depends on line of business and use, for instance

13 07 03* other fuels (including mixtures)

Wiping cloths with organic solvents: EWC code: 15 02 02 Absorbents, filter materials

(including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances.

SECTION 14: Transport information

14.1. UN-No.: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.4. Packing group: Not applicable.

14.5. Environmental hazards: Not applicable.

14.6. Special precautions for user

None.

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

Special Provisions:

The product is comprised by Regulation 1907/2006/EC, Annex XVII concerning restrictions.

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15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
3.0.0	6/14/2019	Bureau Veritas HSE - DOL	1-16

Abbreviations:
PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

Training advice: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Classification method: Calculation based on the hazards of the known components. Test data.

List of relevant H-statements

H304 May be fatal if swallowed and enters airways.

SDS is prepared by

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