

Safety Data Sheet

Conforms to the requirement of the GHS



Handelsname: Lemon Oil

Überarbeitet am: 09.10.2024

Version: 1.6

Datum des Inkrafttretens: 09.10.2024

Ersetzt Version: 1.5

1: Identification of the substance/mixture

1.1 Identification of the substance/mixture

Trade name: Lemon Oil

Art.No.: 6804003

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

Raw material for the manufacture of fragrances/or flavourings.

1.3 Details of the supplier of the safety data sheet

Company

Wolf Niemz GmbH, Wolfener Str. 32-34, D-12681 Berlin, Tel: +49 30 69522801 0, E-Mail: info@wolf-niemz.de

1.4 Emergency telephone number

Wolf Niemz GmbH, Wolfener Str. 32-34, D-12681 Berlin, Tel: +49 30 69522801 0, E-Mail: info@wolf-niemz.de

2: Hazards Identification

2.1 Classification of the substance or mixture

Hazard statement	Categorie	
Flam. Liq.	3	H226 Flammable liquid and vapour
Skin Irrit.	2	H315 Causes skin irritation
Skin Sens.	1	H317 May cause an allergic skin reaction
Asp. Tox.	1	H304 May be fatal if swallowed and enters airways
Aquatic Chronic	2	H411 Toxic to aquatic life with long lasting effects

2.2 Label Elements



Hazard pictograms

GHS02, GHS07, GHS08, GHS09

Signal Words: Danger

Hazard Statements

H226 Flammable liquid and vapour

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H315 Causes skin irritation
H317 May cause an allergic skin reaction
H304 May be fatal if swallowed and enters airways
H411 Toxic to aquatic life with long lasting effects

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. keep away. Do not smoke.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 DO NOT induce vomiting.
P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguishing agent to extinguish.
P403+P235 Keep in a well-ventilated place. Keep cool.

2.3 Other hazards

No information available

3: Composition/Information on ingredients

3.1 Substances

Lemon Oil

3.2 Mixtures

Lemon Oil	
(REACH)	01-2119495512-35-XXXX
Index	84929-31-7, 8008-56-8, 68917-33-9
EINECS, ELICS, NLP	284-515-8
%	100
Classification (EG) Nr. 1272/2008 (CLP)	H226 Flammable liquid and vapour
	H315 Causes skin irritation
	H317 May cause an allergic skin reaction
	H304 May be fatal if swallowed and enters airways
	H411 Toxic to aquatic life with long lasting effects

4: First-Aid Measures

4.1 Description of necessary first aid measures

Ingestion:

Rinse mouth with water. Obtain medical advice. Keep at rest. Do not induce vomiting.

Eye contact:

In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice.

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Inhalation:

Remove person to fresh air and keep at rest. Seek immediate medical advice.

Skin contact:

Take off immediately all contaminated clothing. Thoroughly wash affected skin with soap and water. Seek medical attention if symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

5: Fire-fighting measures

5.1 Extinguishing Media

Water spray, carbon dioxide, dry chemical powder or appropriate foam. For safety reasons do not use full water jet.

5.2 Special hazards arising from the substance or mixture

Known or Anticipated Hazardous Products of Combustion: Emits toxic fumes under fire conditions.

5.3 Advice for firefighters

High temperatures can lead to high pressures inside closed containers.
Avoid inhalation of vapours that are created. Use appropriate respiratory protection.
Do not allow spillage of fire to be poured into drains or watercourses.
Wear self-contained breathing apparatus and protective clothing.

6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Follow safety measures in chapter 7 and 8. Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions

Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up

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Wipe up little amounts with absorbent material like cloth or pulp. Water and cleansing agent Absorb with incombustible liquid-binding material (sand, diatomite, universal binders). Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation.

6.4 Reference to other sections

Information regarding exposure controls, personal protection and disposal considerations can be found in sections 8 and 13.

7: Handling and storage

7.1 Precautions for safe handling

Personal protection equipment see point 8. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Information about fire - and explosion protection: Fumes can combine with air to form an explosive mixture. Moistened solids (e.g. cloth, pulp, filter panel, binder) has to be stored hermetically sealed and/or watered and proper disposed (see chapter 9 and 13). Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities · Storage

Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles. Provide solvent resistant, sealed floor. · Information about storage in one common storage facility: Store away from oxidising agents. · Further information about storage conditions: Keep container tightly sealed. Store in cool, dry conditions in well sealed receptacles. · Storage class: 3

7.3 Specific end use(s)

No further relevant information available.

8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Components with occupational exposure limits: None known

8.2 Exposure controls

Measures should be taken to prevent materials from being splashed into the body. Provide adequate ventilation, according to the conditions of use.

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9: Physical and chemical properties

9.1 Information on basic physical and chemical properties · General Information

Appearance:

Form: fluid
Colour: Yellow/Orange
Odour: Characteristic
Odour threshold: Not determined
Ph-value: Not determined

Melting Point/freezing point:	Not determined
Boiling Point	Not determined
Flash Point:	45 °C
Evaporation rate:	Not determined
Flammability	Not determined
Vapour Pressure 25 °C	Not determined
Density 20°C	0,825 – 0,850 g/cm ³
Relative density	Not determined
Water solubility 20°C	Insoluble in water
Viscosity:	
Dynamic:	Not determined
Kinematic:	Not determined

10: Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Heating causes vaporisation and formation of ignitable atmosphere is possible.

10.3 Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

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No dangerous decomposition products expected by intended use.

11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

Oral	LD ₅₀	---
Dermal	LD ₅₀	---

Primary irritant effect:

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Sensitisation: May cause an allergic skin reaction.

Acute effects (acute toxicity, irritation and corrosivity) Aspiration may cause lung damages.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met

12: Ecological information

12.1 Toxicity

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

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12.6 Other adverse effects

No further relevant information available.

13: Disposal considerations

13.1 Waste treatment methods Recommendation

Recycling is preferred to disposal or burning. Disposal must be made according to official regulations. Must not be disposed together with household garbage. Do not allow product to reach sewage system

14: Transport information

14.1 UN-Number

ADR, ADN, IMDG, IATA 1197

14.2 UN Proper Shipping Name

ADR	EXTRAKTE, FLÜSSIG, für Geschmack oder Aroma
ADN	EXTRACTS, FLAVOURING, LIQUID
IMDG,IATA	EXTRACTS, FLAVOURING, LIQUID

14.3 Transport Hazard Class(es)

3

14.4 Packing Group

ADR, IMDG, IATA III

14.5 Environmental Hazard:

Marine pollutant: Yes

14.6 Special precautions for user

None known

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

Not applicable

15: Regulatory information

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

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Directive 2012/18/EU

Named dangerous substances - ANNEX I Substance is not listed.

Seveso category E2 Hazardous to the Aquatic Environment P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

National regulations: · Information about limitation of use: Employment restrictions concerning juveniles must be observed. Employment restrictions concerning pregnant and lactating women must be observed

Waterhazard class: Water hazard class 3 (German regulation) (VwVwS3824): severe hazardous for water

Other regulations, limitations and prohibitive regulations Comply with the rules and regulations of skin protection. Comply with the rules and regulations of respiratory protection

15.2 Chemical safety assessment

A Chemical Safety Assessment has been carried out.

16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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