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

- **Informations to product No. g471**
- **Product name:**

Oleum Menthae arvensis var. piper. japanisch

Minzöl
Mint oil

- **Supplier of the Product / responsible Company:**

Caesar & Loretz GmbH
Herderstr. 31
40721 Hilden
Tel.: 02103/4994-0
Fax: 02103/32360
e-mail: info@caelo.de

- **Emergency telephone:**

Giftinformationszentrum Mainz
Langenbeckstr. 1, 55131 Mainz
Tel.: 06131/19240

- **Relevant identified uses of the substance or mixture and uses advised against:**

No further relevant information available.

- **Application of the substance / mixture:**

Ingredient for pharmaceutical drugs or active pharmaceutical ingredient.

2 Hazards identification

- **GHS-Labeling Elements:**



- **Signal word:** Warning

- **H-Phrases:**

H315 Causes skin irritation
H317 May cause an allergic skin reaction
H411 Toxic to aquatic life with long lasting effects.

- **P-Phrases:**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 IF SWALLOWED:
P310 Immediately call a POISON CENTER or doctor/physician

Skin Irrit. 2

Skin Sens. 1

Aquatic Chronic 2

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3 Composition / information on ingredients

• **Chemical characterization**

CAS-No. Substance name

90063-97-1 Mentha arvensis ext.

• **EINECS-No.:** 290-058-5

• **REACH Reg. No.:** 01-2119973492-30-0000

• **INCI-Name:** Mentha Arvensis Herb Oil

• **Description:** Essential oil, prepared from the aboveground parts of peppermint by steam distillation and partial separation from Menthol by crystallisation.

Hazardous components:

CAS: 2216-51-5, EINECS: 218-690-9, **L-Menthol**, H315, 25-49,99%

CAS: 89-80-5, EINECS: 201-941-1, **Menthon**, H412, 25-49,99%

CAS: 491-07-6, EINECS: 207-727-4, **cis-5-Methyl-2-(1-Methylethyl)-1-cyclohexanon**, H302, 5-9,99%

CAS: 138-86-3, EINECS: 205-341-0, **Limonen**, H226; H304; H400; H410; H315; H317, 5-9,99%

CAS: 18172-67-3, EINECS: 242-060-2, **beta-Pinen**, H226; H304; H400; H410; H317, 2,5-5%

CAS: 7785-26-4, EINECS: 232-077-3, **alpha-Pinen**, H226; H304; H400; H410; H317, 2,5-5%

CAS: 89-82-7, EINECS: 201-943-2, **Pulegon**, H302, 1-2,49%

CAS: 98-55-5, EINECS: 202-680-6, **p-Menth-1-en-8-ol**, H315; H319, 1-2,49%

CAS: 89-79-2, EINECS: 201-940-6, **Isopulegol**, H302, 1-2,49%

4 First aid measures

- **after inhalation:** Fresh air
- **after skin contact:** Wash off with water, remove contaminated clothing.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** Drink water. Induce vomiting. Seek medical advice.

5 Fire-fighting measures

- **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
- **Specific hazards during fire fighting:** Combustible. In case of fire dangerous vapours/gases can be generated: Smoke gases.
- **Special protective equipment for fire-fighters:** Suitable protective clothes and respiratory protection.
- **Additional information:** Prevent fire extinguishing water from contaminating surface water, the ground water system or soil. Residues must be deposited according to local regulations.

6 Accidental release measures

- **Personal protective measures:** Avoid dust formation and contact with substance.
- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.
- **Methods for cleaning:** Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust. Disposal according to Chapter 13 of this MSDS. Clean up with water.

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7 Handling and storage

- **Handling:** No special requirements.
- **Informations to fire or explosion protection:** No special measures required.
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).
- **Advices on common storage:** Not required.
- **Additional informations to storage conditions:** none

8 Exposure controls / personal protective equipment

Components with limit values that require monitoring at the workplace:

The product does not contain relevant quantities of substances with limit values that require monitoring at the workplace.

- **Personal protective equipment:**
- **General protective and hygiene measures:**
The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Not required.
- **Hand protection:** Protection gloves of rubber or latex
- **Eye protection:** Safety glasses

9 Physical and chemical properties


- **Form:** liquid
- **Colour:** colourless – light yellow
- **Odour:** odour of peppermint
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** not determined
- **Density:** (20 °C) 0,898 - 0,906 g/cm³
- **Solubility in / Miscibility with**
- **Water:** not soluble

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**
No decomposition during appropriate use.
- **Materials to avoid:** Strong oxidizers, strong acids and bases.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none

11 Toxicological information

- **Acute toxicity:** Quantitative toxicological data for this product are not available.
- **Primary irritant effect:**

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- **on skin:** Irritations.
- **on eyes:** Irritations.
- **Sensitization:** Sensitization by skin contact possible.

12 Ecological information

- **Ecotoxicological effects:**
Toxic for fishes.
- **General advices:** Do not allow product to reach ground water, water course or sewage system even in small quantities. Danger to drinking water if even small quantities leak into the ground.
- **Water hazard class:** 2 (self classification): hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation:** Disposal according to local regulations as pharmaceutical waste.
- **Empty contaminated packaging:**
- **Recommendation:** Disposal according to the local regulations.

14 Transport informations

- **Land transport according to ADR:**
Not classified as dangerous in the meaning of transport regulations.

15 Regulatory information

- **Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):**
The product is classified and labelled according to GHS-regulations.
- **Hazard symbols:** GHS07, GHS09
- **Signal word:** Warning
- **H-Phrases:**
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H411 Toxic to aquatic life with long lasting effects.
- **P-Phrases:**
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 IF SWALLOWED:
P310 Immediately call a POISON CENTER or doctor/physician
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 10
- **VbF class:** AIII

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16 Other Information

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.

· **Reason for last revision:** Adjustment to regulation (EC) 1907/2006 (REACH) and GHS-labelling system.