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

- **Informations to product No. g436**
- **Product name:**

Oleum Chamomillae
Kamillenöl, reich an (-)-alpha-Bisabolol
Camomile 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:**

(No GHS-Symbol)

- **Signal word:** -

- **H-Phrases:**

H412 Harmful to aquatic life with long lasting effects

- **P-Phrases:**

P273 Avoid release to the environment.

Aquatic Chronic 3

3 Composition / information on ingredients

- **Chemical characterization**

CAS-No. Substance name

8002-66-2, 84082-60-0 Kamillenöl

- **EINECS-No.:** 628-919-8, 282-006-5, 926-226-7


- **REACH Reg. No.:** 01-2120763571-53-0000

- **INCI-Name:** Chamomilla Recutita Oil

- **Description:** Essential oil, prepared by steam distillation of camomile flowers.

Hazardous components:

CAS: 515-69-5, EINECS: 208-205-9, (R*, R*)-alpha, 4-Dimethyl-alpha-(4-methyl-3-pentyl)cyclohex-3-en-1-methanol, H411; H317, 10-19,99%

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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:** If irritations continue, 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 contact with substance. Good ventilation of working place.
- **Environmental protective measures:**
Prevent from leaking into sewage water, ground water system or surface waters.
- **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.
- **Additional information:** Prevent from entering into drains, prevent from contaminating surface water or the ground water system.

7 Handling and storage

- **Handling:** No special requirements.
- **Informations to fire or explosion protection:**
Good ventilation / exhaustion of working place and storage place.
- **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.

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- **Respiratory protection:** Not required.
- **Hand protection:** Protection gloves of rubber or latex
- **Eye protection:** Safety glasses

9 Physical and chemical properties

- **Form:** viscous liquid
- **Colour:** blue-green (formation of chamazulene from matricine during steam distillation)
- **Odour:** strong odour of chamomil
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** 101 °C
- **Density:** (20 °C) 0,935 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:**
- **Primary irritant effect:**
- **on skin:** no irritant effect
- **on eyes:** no irritant effect
- **Sensitization:** no sensitizing effect known

12 Ecological information

- **Ecotoxical effects:**
Harmful 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.
Harmful for water organisms.
- **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.

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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:** -

- **Signal word:** -

- **H-Phrases:**

H412 Harmful to aquatic life with long lasting effects

- **P-Phrases:**

P273 Avoid release to the environment.

- **National regulations (Germany):**

- **Water hazard class:** see chapter 12

- **Storage class TRGS 510:** 10

- **VbF class:** -

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)