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

• **Informations to product No. g167**

• **Product name:**

Oleum camphoratum 10%

Campferöl (stabilisiert)

Camphor 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

2 Hazards identification

• **Hazards identification:** The substance is not classified as dangerous according to European Union legislation.

3 Composition / information on ingredients

• **Chemical characterization:** Mixture of: Camphor, racemic, olive oil, OXYNEX ® 2004 (0,05%)

CAS-No. Substance name

8001-25-0 Olive oil (ca. 90%)

• **EINECS-No.:** 232-277-0

• **REACH Reg. No.:** Exempted from the obligation to register according to Annex 4 / 5 REACH-regulation.

• **INCI-Name:** Olea Europaea (Olive) Fruit Oil

CAS-No. Substance name

464-49-3 Bornan-2-on, D-Camphor (10%), GHS02, GHS07, GHS08, H228, H332, H371

• **EINECS-No.:** 207-335-2

• **REACH Reg. No.:** 01-2120768421-55-0000

• **INCI-Name:** Camphor


Oxy nex ® 2004: Mixture of propylene glycol, BHT, ascorbyl palmitate, glyceryl stearate and citric acid. (0,05%)

CAS-No.: 137-66-6, 128-37-0, 77-92-9, 5949-29-1, 31566-31-1, 57-55-6

EINECS-No.: 205-305-4, 204-881-4, 201-069-1, 250-705-4, 200-338-0

REACH-Reg.-No.: -

INCI-Name: -

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4 First aid measures

- **General advices:** No special measures required.
- **after inhalation:** Not relevant.
- **after skin contact:** Take off contaminated clothes and shoes, wash immediately with plenty of water and soap.
- **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, but not flammable. In case of fire dangerous vapours/gases can be generated: Smoke gases.
- **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.
- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust.
- **General information:** No hazardous substances are released.

7 Handling and storage

- **Handling:** No special requirements.
- **Advice on safe handling:** No special measures required.
- **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.

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9 Physical and chemical properties

- **Form:** liquid
- **Colour:** colourless
- **Odour:** Camphor
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** not determined
- **Ignition temperature:** 460 °C
- **Explosion limits (for Camphor):**
- **lower:** 0,6 Vol %
- **upper:** 4,5 Vol %
- **Vapour pressure:** (20 °C) 0,3 hPa
- **Density:** (20 °C) 0,916 g/cm³
- **Solubility in / Miscibility with**
- **Water:** not soluble

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**
No decomposition during appropriate use.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none

11 Toxicological information


- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

12 Ecological information

- **Ecotoxicological effects:**
Fish toxicity: LC50 - Danio rerio. 36 mg/l / 96 h (determined with D-Camphor), Pimephales promelas: 110 mg/l / 96 h (determined with DL-Camphor)
- **General advices:** Do not empty into drains, prevent from contaminating surface water or the ground water system.
- **Log pOW:** 2,38
- **Water hazard class:** 1 (VwVwS): slightly 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 does not need to be labelled according to GHS-regulations.

- **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) and GHS-labelling system.