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

Oxynex © 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: -
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.
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

- **Thermical 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 groundwater 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.
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.