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

· Informations to product No. g168
· Product name:

**Oleum camphoratum forte 20%**
Campferöl 20%
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 (20%), Myritol ® 318 – medium chain length triglycerides (ca.80%)

**CAS-No. Substance name**
73398-61-5 Triglyceride, gemischt Decanoyl und Octanoyl (80%)
· EINECS-Nr.: 277-452-2
· REACH Reg.-No.: 01-2119492306-35-0000, 01-2119492306-35-0000
· INCI-Name: Capric Triglyceride

**CAS-No. Substance name**
464-49-3 Bornan-2-on, D-Camphor (20%), GHS02, GHS07, GHS08, H228, H332, H371
· EINECS-No.: 207-335-2
· REACH Reg. No.: 01-2120768421-55-0000
· INCI-Name: Camphor

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
• Ecotoxical 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.

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.