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

- **Informations to product No. g450**
- **Product name:**

### Oleum Cupressi Zypressenöl Cypress 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:** Danger

- **H-Phrases:**

H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H410 Very toxic to aquatic life with long lasting effects.  
H304 May be fatal if swallowed and enters airways.  
H317 May cause an allergic skin reaction.

- **P-Phrases:**

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking  
P301 IF SWALLOWED:  
P331 Do NOT induce vomiting  
P310 Immediately call a POISON CENTER or doctor/physician  
P303 IF ON SKIN:  
P352 Wash with plenty of soap and water.  
P273 Avoid release to the environment

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**Flam. Liq. 3**  
**Asp. Tox. 1**  
**Skin Sens. 1**  
**Aquatic Acute 1**  
**Aquatic Chronic 1**

### 3 Composition / information on ingredients

• **Chemical characterization**

**CAS-No. Substance name**

8013-86-3 ZCypress oil

• **EINECS-No.:** 283-626-9

• **REACH Reg. No.:** 01-2120102230-84-0000

• **INCI-Name:** Cupressus Sempervirens Oil

• **Description:** Naturally occurring substance, prepared from Cupressus sempervirens by extraction or steam distillation.

**Hazardous components:**

CAS: 7785-26-4, EINECS: 232-077-3, **alpha-Pinen**, H226; H304; H400; H410; H317, 50-100%

CAS: 13466-78-9, EINECS: 236-719-3, **3,7,7-Trimethylbicyclo[4.1.0]hept-3-en**, H226; H304; H411; H317, 10-19,99%

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, 1-2,49%

CAS: 586-62-9, EINECS: 209-578-0, **p-Mentha-1,4(8)-dien**, H226; H304; H411, 1-2,49%

CAS: 8000-41-7, EINECS: 232-268-1, **Terpineol**, H315; H319, 1-2,49%

CAS: 123-35-3, EINECS: 204-622-5, **7-Methyl-3-methylenocta-1,6-dien**, H226; H304; H315; H319, 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. Do not induce vomiting. Seek medical advice immediately.

### 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
- **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. Wear suitable protective equipment according to Chapter 8 of this MSDS. Good ventilation of
- **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

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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 ). Store at a good ventilated place.
- **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 - yellow
- **Odour:** characteristic
- **Melting point / melting range:** < -10 ° C
- **Boiling point / boiling range:** Depending on composition, at least 150 °C.
- **Flash point:** 38 - 44 °C
- **Decomposition temperature:** Above boiling point.
- **Vapour pressure:** (20 °C) < 5 hPa
- **Density:** (20 °C) 0,865 - 0,88 g/cm<sup>3</sup>
- **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

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## 11 Toxicological information

- **Acute toxicity:**  
LD50 (oral, Rat): > 5000 mg/kg  
LD50 (dermal, Rabbit): > 5000 mg/kg
- **Primary irritant effect:**
  - **on skin:** Slightly irritant
  - **on eyes:** Irritant
  - **on respiratory organs:** Irritant in high concentration

## 12 Ecological information

- **Ecotoxicological effects:**
- **Behaviour in sewage plants:** Störungen der Abbauaktivität von Activated sludge sind in biologischen Kläranlagen je nach lokalen Bedingungen und vorliegenden Konzentrationen möglich.
- **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:**
- **Proper shipping name:** Flammable liquids, n.o.s., Essential oil.
- **Class:** 3
- **UN-number:** 1993
- **Packing group:** III
- **Classification code:** F1
- **Limited quantities (Table 3.4.6. ADR):** 5 Liter
- **Hazard classification number:** 30
- **Special provisions (Chapter 3.3 ADR):** 274, 640E
- **Additional informations for sea transport IMDG:**
- **EMS-No.:** F-E, S-E
- **Properties:** Fp=53°C

## 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:** GHS02, GHS08, GHS07, GHS09
- **Signal word:** Danger

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P303 IF ON SKIN:

P352 Wash with plenty of soap and water.

P273 Avoid release to the environment

• **National regulations (Germany):**

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

• **Storage class TRGS 510:** 3

• **VbF class:** All

## 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.