Material Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)

Oleum Eucalypti (70-75% Cineol), API

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

· Informations to product No. g600
· Product name:
  Oleum Eucalypti (70-75% Cineol), API
  Eucalyptusöl
  Eucalyptus 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-Labelling Elements:

· Signal word: Warning
· H-Phrases:
  H226 Flammable liquid and vapour
  H317 May cause an allergic skin reaction
  H412 Harmful to aquatic life with long lasting effects.
· P-Phrases:
  P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking
  P301 IF SWALLOWED:
  P310 Immediately call a POISON CENTER or doctor/physician
  P303 IF ON SKIN:
  P352 Wash with plenty of soap and water.

Flam. Liq. 3
Skin Sens. 1B
Aquatic Chronic 3
3 Composition / information on ingredients

- Chemical characterization:
  - CAS-No. Substance name
    223748-96-7 Eucalyptus Oil
  - EINECS-No.: 607-030-9
  - REACH Reg. No.: (pre-registered)
  - INCI-Name: Eucalyptus Citriodora Oil
- Description:
  Essential oil, prepared by steam distillation from Eucalyptus Citriodora. Contains 70 – 75% Cineol (CAS 470-82-6)
- Hazardous components:
  CAS: 138-86-3, EINECS: 205-341-0, Dipenten, H226; H304; H400; H410; H315; H317, 1-2.49%

4 First aid measures

- after inhalation: Fresh air. If irritation of respiratory ways continues, seek medical advice.
- after skin contact: Wash off with water, remove contaminated clothing.
- after eye contact: Rinse out with plenty of water with the eyelid wide open. If feeling unwell continuously seek medical advice.
- after swallowing: 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: Do not inhale combustion gases. Wear 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 protective equipment. Good ventilation of working place.
- Environmental protective measures: Prevent from entering into drains. If product is entering drainage ditch or surface waters inform responsible authorities.

7 Handling and storage

- Handling: Good ventilation / exhaustion of working place. Avoid formation of aerosols.
- Informations to fire or explosion protection: Good ventilation / exhaustion of working place and storage place. Keep away from ignition sources – Do not smoke.
· 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. Avoid safely penetration into soil.
· 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: Limonen
· Personal protective equipment:
· General protective and hygiene measures: The usual precaution measures during handling of chemicals are to observe.
· Respiratory protection: Only required if aerosols or vapours are generated.
· Hand protection: Protection gloves of rubber or latex or PVZ, for full contact 15 minutes maximum: Neopren. Suitable gloves for enduring contact, Material: Nitrile rubber/Nitrile latex Penetration time > 480 min., Thickness: 0,35 mm.
· Eye protection: Safety glasses

9 Physical and chemical properties

· Form: liquid
· Colour: light yellow
· Odour: strong odour of eucalyptus
· Melting point / melting range: not determined
· Boiling point / boiling range: not determined
· Flash point: 53 °C
· Density: (20 °C) 0,909 g/cm³
· Solubility in / Miscibility with
· Water: not soluble

10 Stability and reactivity

· Thermochemical 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: Sensitization by skin contact possible.
12 Ecological information

- Ecotoxic effects: Harmful to fishes.
- General advice: 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 information

- 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=51°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, GHS07
  - Signal word: Warning
  - H-Phrases:
    H226 Flammable liquid and vapour
    H317 May cause an allergic skin reaction
    H412 Harmful to aquatic life with long lasting effects.
  - P-Phrases:
    P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking
    P301 IF SWALLOWED:
    P310 Immediately call a POISON CENTER or doctor/physician
    P303 IF ON SKIN:
    P352 Wash with plenty of soap and water.
  - National regulations (Germany):
· Water hazard class: see chapter 12
· Storage class TRGS 510: 3
· VbF class: AIII

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.