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

· **Informations to product No. 7049**

· **Product name:**

Orangen-Trockenaroma, sprühgetrocknet

· **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:** Warning

· **H-Phrases:**

H317 May cause an allergic skin reaction

H412 Harmful to aquatic life with long lasting effects.

· **P-Phrases:**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.


P273 Avoid release to the environment.

Skin Sens. 1

Aquatic Chronic 3

3 Composition / information on ingredients

· **Description:** Mixture of natural flavouring agents

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• **Chemical characterization**

CAS-No. Substance name

138-86-3 Dipenten H226, H304, H410, H315, H317 (2,5-5%)

• **EINECS-No.:** 205-341-0

• **REACH-No.:** 01-2120766421-57-0000

• **INCI-Name:** D,L-Limonene

4 First aid measures

- **After inhalation:** Fresh air. If irritation of respiratory ways continues, seek medical advice.
- **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. Call in ophthalmologist.
- **After swallowing:** Drink water. If feeling unwell 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. In case of fire dangerous vapours/gases can be generated: Smoke gases.
- **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 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.
- **Methods for cleaning:** Take up dry. Avoid generation of dusts. Disposal according to Chapter 13 of this MSDS. Clean up with water.


7 Handling and storage

- **Handling:** No special requirements.
- **Informations to fire or explosion protection:** Good ventilation / exhaustion of working place and storage place. Take measures to prevent electrostatic charging. Keep away from ignition sources.
- **Storage:**
- **Requirements for storage areas and containers:** store cool and dry.

8 Exposure controls / personal protective equipment

• **Personal protective equipment:**

The usual precaution measures during handling of chemicals are to observe.

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- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of rubber
- **Eye protection:** Safety glasses.

9 Physical and chemical properties

- **Form:** Powder
- **Colour:** crème colour.
- **Odour:** characteristic
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** > 100 °C
- **Density:** not determined
- **Solubility in / Miscibility with**
- **Water:** soluble
- **pH-range:** (100 g/l, 20 °C) ca. 6

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

11 Toxicological information


- **Acute toxicity:**
- **Primary irritant effect:**
- **on skin:** none Irritant effect
- **on eyes:** none Irritant effect
- **Sensitization:** Sensitization by skin contact possible.

12 Ecological information

- **Ecotoxicological effects:**
Harmful for fishes.
- **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.
Harmful for water organisms.
- **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:**

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- **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 is classified and labelled according to GHS-regulations.
- **Hazard symbols:** GHS07
- **Signal word:** Danger
- **H-Phrases:**
H317 May cause an allergic skin reaction
H412 Harmful to aquatic life with long lasting effects.
- **P-Phrases:**
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P273 Avoid release to the environment.
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 11

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)