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

· **Informations to product No. 7046**

· **Product name:**

Himbeer-Aroma
 Raspberry aroma

· **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

· **Hazard classification:** The substance is not classified as dangerous according to European Union legislation.

3 Composition / information on ingredients

· **Chemical characterization**

· **Description:** Natural and nature-identical flavouring agencies

CAS-No. Substance name

64-19-7 Acetic acid GHS02, GHS05; H226-H314 (5-10%)

· **EINECS-No.:** 200-580-7

· **Index-No.:** 607-002-00-6

· **REACH Reg. No.:** 01-2119475328-30-0000

· **INCI-Name:** Acetic Acid

CAS-No. Substance name

5471-51-2 4-(p-Hydroxyphenyl)-2-butanone H302 (1-2,5%)

· **EINECS-No.:** 226-806-4

· **REACH Reg. No.:** 01-2120081921-55-0000


· **INCI-Name:** -

CAS-No. Substance name

121-33-5 Vanillin (4-Hydroxy-3-methoxybenzaldehyd) H319 (1-2,5%)

· **EINECS-No.:** 204-465-2

· **REACH Reg. No.:** 01-2119516040-60-0000

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• **INCI-Name:** Vanillin

CAS-No. Substance name

100-51-6 Benzyl alcohol H302, H332 (1-2,5%)

• **EINECS-No.:** 202-859-9

• **Index-No.:** 603-057-00-5

• **REACH Reg. No.:** 01-2119492630-38-0000

• **INCI-Name:** Benzyl Alcohol

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:** If irritations continue, 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:** 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.

7 Handling and storage

- **Handling:** Good ventilation / exhaustion of working place. Avoid formation of aerosols.
- **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). Store at a good ventilated place. Avoid safely penetration into soil.
- **Advices on common storage:** Not required.
- **Additional informations to storage conditions:** none

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8 Exposure controls / personal protective equipment

Components with limit values that require monitoring at the workplace:

1,2-Propandiol, Acetic acid, Benzyl alcohol

- **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
- **Eye protection:** Safety glasses.

9 Physical and chemical properties

- **Form:** liquid
- **Colour:** red
- **Odour:** characteristic
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** 83 °C
- **Density:** (20 °C) 1,049 g/cm³
- **Solubility in / Miscibility with**
- **Water:** completely miscible
- **pH-range:** (100 g/l, 20 °C) 3 - 4

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 irritating effect:**
- **on skin:** no irritant effect
- **on eyes:** no irritant effect
- **Sensitization:** no sensitizing effect known
- **Additional toxicological informations:**
In case of appropriate handling and usage the product does not cause harmful effects.

12 Ecological information

- **General advices:** Do not allow product to reach ground water, water course or sewage system even in small quantities.
- **Water hazard class:** 2 (self classification): hazardous for water.

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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)