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

· **Informations to product No. 7044**

· **Product name:**

Erdbeer-Aroma Strawberry 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

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

· **Chemical characterization**

CAS-No. Substance name

105-54-4 Ethyl butyrate, H226 (1-2,5%)

· **EINECS-No.:** 203-306-4

· **REACH Reg. No.:** 01-2120118576-54-0000

· **INCI-Name:** -

CAS-No. Substance name

3658-77-3 4-Hydroxy-2,5-dimethyl(2H)-furanone, H302 (1-2,5%)

· **EINECS-No.:** 222-908-8

· **REACH Reg. No.:** 01-2120754473-52-0000

· **INCI-Name:** -


CAS-No. Substance name

928-96-1 cis-Hex-3-en-1-ol, H226 (1-2,5%)

· **EINECS-No.:** 213-192-8

· **REACH Reg. No.:** 01-2119969743-23-0000

· **INCI-Name:** -

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4 First aid measures

- **General advices:** Remove contaminated clothing.
- **after inhalation:** Fresh air, Medical help.
- **after skin contact:** Wash away with water and soap.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** Rinse mouth immediately, get medical help

5 Fire-fighting measures

- **Suitable extinguishing media:** . All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
- **Special protective equipment for fire-fighters:** No special measures required.

6 Accidental release measures

- **Personal protective measures:** Good ventilation of working place.
- **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.

7 Handling and storage

- **Handling:** 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).

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:** good ventilation / exhaustion of working place.
- **Hand protection:** Protection gloves of rubber or latex
- **Eye protection:** Safety glasses.

9 Physical and chemical properties

- **Form:** liquid
- **Colour:** colourless

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- **Odour:** characteristic
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** 66 °C
- **Density:** (20 °C) 1,033 g/cm³
- **Solubility in / Miscibility with**
- **Water:** completely miscible
- **pH-range:** (100 g/l, 20 °C) 6

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** No decomposition during appropriate use.
- **Materials to avoid:** Oxidants
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none

11 Toxicological information

- **Acute toxicity:** Quantitative toxicological data for this product are not available. Food ingredient.
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

12 Ecological information

- **Aquatic toxicity:** Quantitative informations are not available.
- **Behaviour in sewage plants:** In biological sewage plants disturbances of the biodegradation activity of bacteria are possible.
- **General notes:** Prevent from entering sewage water or drainage ditch undiluted or unneutralized.
- **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:**
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):**

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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.