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

- Informations to product No. 2086
- Product name:

Benzylnicotinat, API Benzyllis nicotinas

- **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:**


H315 Causes skin irritation
 H319 Causes serious eye irritation.

- **P-Phrases:**

P305 IF IN EYES:
 P351 Rinse continuously with water for several minutes.

Skin Irrit. 2

Eye Irrit. 2

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3 Composition / information on ingredients

CAS-No. Substance name

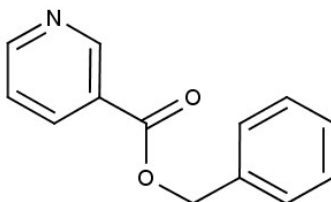
94-44-0 Benzyl nicotinate

· **EINECS-No.:** 202-332-3

· **REACH Reg. No.:** (pre-registered)

· **INCI-Name:** Benzyl Nicotinate

· **Chemical characterization:**



4 First aid measures


- **after inhalation:** Fresh air. 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. Induce vomiting. 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 but not flammable. In case of fire dangerous gases / vapours can be released: 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 protection gloves and safety glasses.
- **Environmental protective measures:** Prevent from entering into surface water, the ground water system or soil.
- **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.

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7 Handling and storage

- **Handling:**
- **Advice on safe handling:** No special measures required.
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. Store at a cool place (+2°C to +8°C). Keep away from light.
- **Advices on common storage:** Not required.

8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **General protective and hygiene measures:**
Wash hands before breaks and after work.
Change contaminated clothes. Preventive skin protection recommended.
- **Respiratory protection:** Good ventilation of working place.
- **Hand protection:** Protection gloves.
- **Eye protection:** Safety glasses.

9 Physical and chemical properties


- **Form:** liquid
- **Colour:** yellow
- **Odour:** faint aromatic.
- **Melting point / melting range:** 24 °C
- **Boiling point / boiling range:** 179-180 °C (8 hPa)
- **Flash point:** 170 °C
- **Decomposition temperature:** >295 °C
- **Density:** (20 °C) 1,16 g/cm³
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 0,3 g/l

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**
No decomposition during appropriate use.

11 Toxicological information

- **Acute toxicity:**
LD/LD50-data relevant for hazard classification:
94-44-0 Benzyl nicotinate
Oral: LD50: 2188 mg/kg (rat)
- **Primary irritant effect:** Therapeutically used substance. Effect: Vasodilatation.
- **on skin:** Strong irritations of mucous membranes. Danger of skin resorption.
- **after swallowing:** After resorption of toxic quantities: Central nervous disorder, Cardiovascular failure-Collapse.
- **Sensitization:** Sensitization possible with allergic manifestations.

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12 Ecological information

- **Ecotoxicological effects:**

Quantitative ecotoxicological data for this product are not available.

- **Water hazard class:** 2 (VwVwS): hazardous for water.
- **General advices:** Prevent from leaking into ground water, environment waters or drainage.

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 is classified and labelled according to GHS-regulations.
- **Hazard symbols:** GHS07
- **Signal word:** Warning
- **H-Phrases:**
H315 Causes skin irritation
H319 Causes serious eye irritation
- **P-Phrases:**
P305 IF IN EYES:
P351 Rinse continuously with water for several minutes.
- **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.