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

- Informations to product No. 2053
- Product name:

Benzocain, API Benzocainum, Aethylum p-aminobenzoicum

- **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

- **P-Phrases:**

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

P302 IF ON SKIN:


P352 Wash with soap and water

Skin Sens. 1

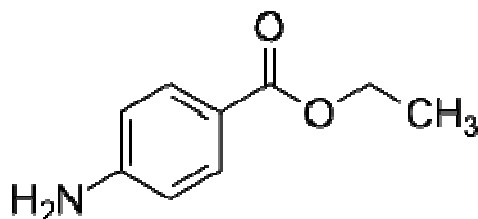
3 Composition / information on ingredients

CAS-No. Substance name

94-09-7 Ethyl-4-aminobenzoat

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- **EINECS-No.:** 202-303-5
- **REACH Reg. No.:** 01-2120734164-61-0000
- **INCI-Name:** -
- **Chemical characterization:**



4 First aid measures

- **after inhalation:** Fresh air
- **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. AugenSeek medical advice.
- **after swallowing:** Drink plenty of water immediately. 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.
- **Environmental protective measures:** Prevent from entering into surface water, the ground water system or soil.
- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.
- **General information:** No hazardous substances are released.

7 Handling and storage

- **Handling:** No special requirements.
- **Advice on safe handling:** No special measures required.
- **Informations to fire or explosion protection:** No special measures required.
- **Storage:**

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- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).
- **Advices on common storage:** Not required.
- **Additional informations to storage conditions:** none

8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **General protective and hygiene measures:** The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of latex or rubber.
- **Eye protection:** Safety glasses

9 Physical and chemical properties


- **Form:** solid
- **Colour:** white
- **Odour:** odourless
- **Melting point / melting range:** 88 - 90 °C
- **Boiling point / boiling range:** (17 hPa) 172 °C
- **Flash point:** not determined
- **Flammability (solid, vapours):** The product is not flammable.
- **Explosion hazard:** The product is not hazardous for explosion, but the explosion of dust-air mixtures is possible.
- **Bulk density:** ca. 320 kg/m³
- **Solubility in / Miscibility with**
- **Water:** (25 °C) 0,4 g/l

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**
No decomposition during appropriate use.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** On rapid heating irritant vapours can be released.
- **Additional information:** Light sensitive.

11 Toxicological information

- **Acute toxicity:**
LD50 (oral, rat): 3042 mg/kg (RTECS)
LD50 (oral, mouse): 2500 mg/kg
- **Primary irritant effect:**
- **on skin:** Danger of resorption.
- **on eyes:** Irritant
Can irritate respiratory organs.
- **after swallowing:** Resorption
- **Sensitization:** Can cause allergic reactions on skin.

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· **Other information (zur experimentellen Toxikologie):**

Systemic effects: After resorption of toxic quantities: Tachycardia, Vomiting, Cramps, Inconsciousness, Danger of methämoglobine formation.

- **Sub-acute / chronic toxicity:** Sensitization with allergic manifestations at sensible persons.

12 Ecological information

· **Behaviour in environmental systems:**

· **Additional information:**

BWZ (Bacteria): 2.5-5.0

BWZ (Fishes): 4.2-5.1

BWZ (Mammals): 3

- **Log pOW:** 1,86

- **Water hazard class:** 2 (self classification): 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:** 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:**

H317 May cause an allergic skin reaction

· **P-Phrases:**

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


P302 IF ON SKIN:

P352 Wash with soap and water

- **National regulations (Germany):**

- **Water hazard class:** see chapter 12

- **Storage class TRGS 510:** 11

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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.