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

- **Informations to product No. 2426**
- **Product name:**

### **Natrium benzoicum**

Natriumbenzoat  
Sodium benzoate

- **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

- **Hazards identification:** The substance is not classified as dangerous according to European Union legislation.

## 3 Composition / information on ingredients

- **Chemical characterization:**

**CAS-No. Substance name**

532-32-1 Sodium benzoate


- **EINECS-No.:** 208-534-8

- **REACH-Reg.-No.:** 01-2119460683-35-0000

- **INCI-Name:** Sodium benzoate

## 4 First aid measures

- **General advices:** No special measures required.
- **after inhalation:** Fresh air. If feeling unwell seek medical advice.
- **after skin contact:** Wash away with plenty of water. Remove contaminated clothing.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** (big quantities): If feeling unwell seek medical advice.

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## 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 vapours/gases can be generated: Smoke gases.
- **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 dust formation and contact with substance.
- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

## 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:**
- **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


- **Personal protective equipment:**
- **General protective and hygiene measures:** The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Required if dusts are generated.

## 9 Physical and chemical properties

- **Form:** solid
- **Colour:** white
- **Odour:** odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Density:** (20 °C) 0,47 g/cm<sup>3</sup>
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 555 g/l
- **pH-range:** (20 °C) > 8

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** none if used appropriately.

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- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none

## 11 Toxicological information

- **Acute toxicity:** LD50 (oral,Rat): 4070 mg/kg (anhydrous Substance)
- **Primary irritating effect:** Not irritant.
- **on skin: none** Not irritant.
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

## 12 Ecological information

- **Ecotoxicical effects:**  
LC50 (fish): 484 mg/l/96h  
EC50 (algae): 30,5 mg/l/72h
- **Log pOW:** 1,88 for benzoic acid
- **Water hazard class:** 1 (VwVwS, Annex 3): slightly hazardous for water.
- **General advices:**  
Prevent from entering sewage water or drainage ditch undiluted or unneutralized.

## 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:** 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.