

Trade name: Natrii benzoas pulvis

Substance number: 065832

Version: 2 / CH

Date revised: 29.09.14

Replaces Version: 1 / CH

Date of printing: 29.09.14

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

### **1.1. Product identifier**

Natrii benzoas pulvis  
Item-No.

06583200

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

#### **Use of the substance/preparation**

pharmacy, food additive

### **1.3. Details of the supplier of the safety data sheet**

#### **Address**

Hänseler AG  
Industriestrasse 35  
9101 Herisau  
Telephone no. 0041 (0)71 353 58 58  
E-mail address of sdb@haenseler.ch  
person responsible  
for this SDS

### **1.4. Emergency telephone number**

Switzerland :145 / Abroad +41 (0)44 251 51 51

## **2. Hazards identification**

### **2.1. Classification of the substance or mixture**

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)  
Eye Irrit. 2 H319

#### **Classification in accordance with EC directives**

Classification Xi, R36

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

##### **Hazard pictograms**



##### **Signal word**

Warning

##### **Hazard statements**

H319 Causes serious eye irritation.

##### **Precautionary statements**

P264.1 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.

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### Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

#### Hazard symbols



irritant

#### R phrases

36 Irritating to eyes.

#### S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## 3. Composition/information on ingredients

### Hazardous ingredients

#### sodium benzoate

CAS No.	532-32-1			
EINECS no.	208-534-8			
Concentration		>=	50	%
Classification	Xi, R36			

Classification (Regulation (EC) No. 1272/2008)			
	Eye Irrit. 2		H319

## 4. First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated, soaked clothing immediately and dispose of safely.

#### After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

#### After skin contact

Consult a doctor if skin irritation persists. Wash off immediately with soap and water and rinse well.

#### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical aid immediately.

#### After ingestion

Do not induce vomiting. Summon a doctor immediately.

## 5. Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

#### Non Suitable extinguishing media

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Full water jet

## 5.2. Special hazards arising from the substance or mixture

If a fire breaks out nearby evolution of dangerous gases possible. In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>)

## 5.3. Advice for firefighters

### Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus. Wear full protective suit.

### Other information

Cool endangered containers with water spray jet. Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep away unprotected persons. Keep away sources of ignition. Avoid dust formation. Use breathing apparatus if exposed to vapours/dust/aerosol. Ensure adequate ventilation.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways. Advise water authority if spillage has entered water course or drainage system.

### 6.3. Methods and material for containment and cleaning up

Pick up mechanically. Send in suitable containers for recovery or disposal. Dispose of absorbed material in accordance with the regulations.

### 6.4. Reference to other sections

Information regarding personal protective measures see, chapter 8. Information regarding Waste Disposal, see chapter 13.

## 7. Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid dust formation. Provide good ventilation of working area (local exhaust ventilation if necessary).

#### Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking. Take precautionary measures against static charges.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Recommended storage temperature

Value 3 - 30 °C

#### Requirements for storage rooms and vessels

Keep only in the original container.

#### Further information on storage conditions

Protect from heat and direct sunlight. Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. Exposure controls/personal protection

### 8.2. Exposure controls

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**General protective and hygiene measures**

Observe the usual precautions for handling chemicals. Wash hands before breaks and after work.

**Respiratory protection**

Dust mask; Short term: filter apparatus, Filter P3; Short term: filter apparatus, Filter A; Breathing apparatus in the event of high concentrations.

**Hand protection**

Protective gloves

Appropriate Material

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material

PVC

Material thickness

&gt;= 0.11 mm

Penetrating time

&gt;= 480 min

Appropriate Material

Natural Latex

Material thickness

&gt;= 0.11 mm

Penetrating time

&gt;= 480 min

**Eye protection**

Tightly fitting safety glasses

**Body protection**

protective overalls; Boots

**9. Physical and chemical properties****9.1. Information on basic physical and chemical properties****Form**

Powder

**Colour**

white

**Odour**

odourless

**pH**

Value

9

Concentration/H<sub>2</sub>O

100 g/l

Temperature

20 °C

**Melting point**

Value

&gt; 300 °C

**Boiling point**

Value

248 to 249 °C

**Flash point**

Value

&gt; 100 °C

**Flammability**

Not ignitable

**Vapour pressure**

Value

&lt; 0.01 hPa

Temperature

20 °C

**Density**

Value

1.44 g/cm<sup>3</sup>**Solubility in water**

Value

660 g/l

Temperature

20 °C

**Octanol/water partition coefficient (log Pow)**

log Pow

-2.27

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**Ignition temperature**

Value &gt; 500 °C

**Thermal decomposition**

Remarks No decomposition if used as prescribed.

**Viscosity  
dynamic****9.2. Other information****Other information**

The product is not dangerous for explosions.

**10. Stability and reactivity****10.4. Conditions to avoid****Thermal decomposition**

Remarks No decomposition if used as prescribed.

**10.5. Incompatible materials**

Strong oxidising agents, Reactions with strong acids.

**10.6. Hazardous decomposition products**

Carbon monoxide and carbon dioxide

**11. Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**Species rat  
LD50 3140 mg/kg**Skin corrosion/irritation**

valuation irritant effect possible

**Serious eye damage/irritation**

valuation irritant

**Sensitization**

Remarks No sensitisation effect known.

**Mutagenicity**Method Ames test  
Remarks negative**Reproduction toxicity**Method Ames test  
Remarks negative**Carcinogenicity**Method Ames test  
Remarks negative**Specific Target Organ Toxicity (STOT)**

Remarks not determined

**Experience in practice**

Inhalation can cause damage to the respiratory tract or lungs.

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## 12. Ecological information

### 12.1. Toxicity

#### Fish toxicity

Species	Fathead minnow (Pimephales promelas)		
LC50	484		mg/l
Duration of exposure	96	h	

### 12.2. Persistence and degradability

#### Biodegradability

Value	90		%
Duration of test valuation	7	d	
	Readily biodegradable		

### 12.3. Bioaccumulative potential

#### Octanol/water partition coefficient (log Pow)

log Pow	-2.27
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### 12.6. Other adverse effects

#### General information / ecology

Do not allow it to reach ground water, water bodies or sewage system. Product is slightly hazardous to water.

## 13. Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

EWC waste code	No not dispose with rubbish.
EWC waste code	Should not be released into the sanitary sewer system.

#### Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

## 14. Transport information

### Land transport ADR/RID

Non-dangerous goods

### Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

### Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

## 15. Regulatory information

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

## 16. Other information

#### R-phrases listed in Chapter 3

36	Irritating to eyes.
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#### Hazard statements listed in Chapter 3

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H319

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**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.