


<p>Page 1 of 4</p> <p>Print Date 21.05.2019</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Pankreas-Pulver, API (Ursprung: Schwein)</p>	 <p>Revision Date 21.05.2019</p>
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## 1 Identification of the substance/mixture and of the company/undertaking

· **Informations to product No. 4492**

· **Product name:**

### **Pankreas-Pulver, API (Ursprung: Schwein)**

Pankreatis pulvis, Pankreatin

Pancreas-powder, API (Origin: porc)

· **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:** Danger

· **H-Phrases:**

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

· **P-Phrases:**

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

P305 IF IN EYES:


P351 Rinse continuously with water for several minutes

P337 If eye irritation persists:

P313 Get medical advice/attention

**Skin Irrit. 2**

**Skin Sens. 1**

<p>Page 2 of 4</p> <p>Print Date 21.05.2019</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Pankreas-Pulver, API (Ursprung: Schwein)</p>	 <p>Revision Date 21.05.2019</p>
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**Eye Irrit. 2**  
**Resp. Sens. 1**

### 3 Composition / information on ingredients

• **Chemical characterization:**

**CAS-No. Substance name**

8049-47-6 Pankreatin

• **EINECS-No.:** 232-468-9

• **REACH Reg. No.:** 01-2120758992-38-0000

• **INCI-Name:** Pancreatin

• **General information:** Enzyme mixture, produced from mammal pancreas.

### 4 First aid measures

- **after inhalation:** Fresh air, if feeling unwell 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. If irritation continues, 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 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.
- **Storage:**
- **Requirements for storage areas and containers:**  
Tightly closed. Store at a dry place, at temperatures below +15°C.

<p>Page 3 of 4</p> <p>Print Date 21.05.2019</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Pankreas-Pulver, API (Ursprung: Schwein)</p>	 <p>Revision Date 21.05.2019</p>
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## 8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **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:** light yellow
- **Odour:** characteristic
- **Melting point / melting range:** not determined
- **Flash point:** not determined
- **Density:** not determined
- **Bulk density:** ca. 400 kg/m<sup>3</sup>
- **Solubility in / Miscibility with**
- **Water:** not readily soluble.

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** No decomposition during appropriate use.
- **Materials to avoid:** Strong oxidizers, strong acids and bases.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none.


## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritating effect:**
- **on skin:** Irritations.
- **on eyes:** Irritations.
- **on respiratory organs:** Irritations after inhalation of dust.
- **Sensitization:** Sensitization possible by skin contact and inhalation.

## 12 Ecological information

- **Ecotoxicological effects:**  
Quantitative ecotoxicological data for this product are not available.
- **Information about elimination (persistence and degradability):** Readily biodegradable.
- **Water hazard class:** 1 (VwVwS): slightly hazardous for water.

## 13 Disposal considerations

<p>Page 4 of 4</p> <p>Print Date 21.05.2019</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Pankreas-Pulver, API (Ursprung: Schwein)</p>	 <p>Revision Date 21.05.2019</p>
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- **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, GHS08
- **Signal word:** Danger
- **H-Phrases:**  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
- **P-Phrases:**  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P305 IF IN EYES:  
P351 Rinse continuously with water for several minutes  
P337 If eye irritation persists:  
P313 Get medical advice/attention
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 11

## 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.