

Trade name: Tanninum pulvis

Substance number: 068104

Version: 2 / CH

Date revised: 21.12.2018

Replaces Version: 1 / CH

Print date: 23.10.19

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

### **1.1. Product identifier**

Tanninum pulvis

Item No. 06810400

#### **Substance / product identification**

CAS-No. 1401-55-4

EINECS-No. 215-753-2

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

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

food industry, pharmacy, industry, Chemical

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

#### **Address/Manufacturer**

Hänseler AG

Industriestrasse 35

9100 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

## **SECTION 2: Hazards identification**

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

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

### **2.2. Label elements**

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

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

### **2.3. Other hazards**

No special hazards have to be mentioned.

## **SECTION 3: Composition/information on ingredients**

#### **Other information**

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

No special measures necessary. In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

#### **After inhalation**

Remove the casualty into fresh air and keep him calm. If necessary, give oxygen. In case of respiratory

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arrest induce breathing with a respiratory device. Seek medical advice. In the event of symptoms take medical treatment.

**After skin contact**

Wash skin thoroughly with water (15 min.). Remove contaminated, soaked clothing immediately and dispose of safely. Wash off immediately with soap and water and rinse well. Consult a doctor if skin irritation persists.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). By continuous complaints consult a physician.

**After ingestion**

Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Drink water in small gulps. By continuous complaints consult a physician.

**4.2. Most important symptoms and effects, both acute and delayed**

Until now no symptoms known so far.

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / treatment**

Treat symptomatically

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Extinguishing measures to suit surroundings

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

Forms explosive mixture with air are 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**

Use self-contained breathing apparatus. Do not allow run-off from fire fighting to enter drains or water courses.

**Other information**

Cool endangered containers with water spray jet.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Keep away from sources of ignition - No smoking. Wear protective equipment

**6.2. Environmental precautions**

Do not allow to enter drains or waterways.

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

Place in a suitable container. When picked up, treat material as prescribed under Section 13 "Disposal". Dilute with water. Rinse away rest with plenty of water.

**6.4. Reference to other sections**

Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

**SECTION 7: Handling and storage**

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## 7.1. Precautions for safe handling

### Advice on safe handling

Do not inhale dust. Avoid longer or repeated exposition. Avoid contact with skin, eyes and clothing. Wear protective equipment. Isolate from sources of heat, sparks and open flame. Provide good ventilation of working area (local exhaust ventilation if necessary).

### Advice on protection against fire and explosion

No special measures required.

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

### Recommended storage temperature

Value 15 - 25 °C

### Requirements for storage rooms and vessels

No special requirements.

### Hints on storage assembly

Do not store together with foodstuffs. Do not store together with animal feedstocks.

### Further information on storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from sources of ignition. Protect from direct sunlight. Keep container tightly closed. Protect from atmospheric moisture and water.

## SECTION 8: Exposure controls/personal protection

### 8.2. Exposure controls

#### General protective and hygiene measures

Keep away from food-stuffs, beverages and feed-stocks. Do not eat, drink or smoke during work time.

#### Respiratory protection

Breathing apparatus in the event of aerosol.

#### Hand protection

Appropriate Material                      Gloves / resistant to chemicals

#### Eye protection

Safety glasses

#### Body protection

Boots

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Form</b>	Powder
<b>Colour</b>	colourless to pale yellow
<b>Odour</b>	characteristic
<b>pH value</b>	
Value	2.5 to 4
Concentration/H <sub>2</sub> O	1 %
<b>Melting point</b>	
Value	appr. 200 °C
<b>Flash point</b>	
Remarks	Not applicable
<b>Density</b>	

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Value	0.3	to	0.5	µg/m <sup>3</sup>
<b>Solubility in water</b>				
Value	>=	50		g/cm <sup>3</sup>
Remarks	soluble			
<b>Solubility(ies)</b>				
Ethanol				
Acetone				

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

No decomposition if stored and applied as directed.

### **10.2. Chemical stability**

Stable under recommended storage and handling conditions (see section 7).

### **10.3. Possibility of hazardous reactions**

No hazardous reactions known.

### **10.4. Conditions to avoid**

Protect from atmospheric moisture and water. To avoid thermal decomposition, do not overheat. Keep away from sources of heat and ignition.

### **10.5. Incompatible materials**

No dangerous reactions known.

### **10.6. Hazardous decomposition products**

In the event of fire the following can be released: Carbon monoxide and carbon dioxide

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

#### **Acute oral toxicity**

Species	rat		
LD50		2260	mg/kg
Species	mouse		
LD50		5000	mg/kg

#### **Acute dermal toxicity**

Remarks Not documented.

#### **Acute inhalational toxicity**

Remarks Not documented.

#### **Skin corrosion/irritation**

evaluation non-irritant

#### **Serious eye damage/irritation**

evaluation non-irritant

#### **Sensitization**

Remarks None

#### **Subacute, subchronic, chronic toxicity**

Remarks None

#### **Mutagenicity**

Remarks None

#### **Reproductive toxicity**

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evaluation No negative effects

**Carcinogenicity**

evaluation No negative effects

**Specific Target Organ Toxicity (STOT)**

Remarks not determined

**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity**

Remarks Quantitative data concerning the ecological effect are not available.

**Daphnia toxicity**

Remarks No data available.

**Algae toxicity**

Remarks No data available.

**Bacteria toxicity**

Remarks No data available.

**12.2. Persistence and degradability****General information**

For this subsection there is no ecotoxicological data available on the product as such.

**Biodegradability**

Remarks No data available.

**12.3. Bioaccumulative potential****General information**

For this subsection there is no ecotoxicological data available on the product as such.

**12.4. Mobility in soil****General information**

For this subsection there is no ecotoxicological data available on the product as such.

**12.5. Results of PBT and vPvB assessment****General information**

For this subsection there is no ecotoxicological data available on the product as such.

**12.6. Other adverse effects****General information**

For this subsection there is no ecotoxicological data available on the product as such.

**General information / ecology**

Product is slightly hazardous to water.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

**Disposal recommendations for packaging**

Dispose of as unused product.

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**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**

Water Hazard Class      WGK 1  
(Germany)

**SECTION 16: Other information****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.