

Trade name: Tanninum pulvis

Substance number: 068104

Version: 3 / CH

Date revised: 19.08.2025

Replaces Version: 2 / CH

Print date: 19.08.25

**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**

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous 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.

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

**SECTION 3: Composition/information on ingredients****Further ingredients****Tannins**

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Concentration &gt;= 95 %

Advice: [4]

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**Note**

[4] Voluntary information

**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

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

**4.3. 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.

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**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****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).

**7.2. Conditions for safe storage, including any incompatibilities****Recommended storage temperature**

Value	15	-	25	°C
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**Hints on storage assembly**

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

**Storage classes**

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	NG	Other solid hazardous substances without classification/labelling hazardous

**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  
Hand protection must comply with EN 374.

**Eye protection**

Safety glasses

**Body protection**

protective overalls

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

Physical state	solid
Colour	beige
Odour	characteristic
Melting point	
Value	appr. 200 °C

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**Flash point**

Value 198 °C

**Decomposition temperature**

Value &gt; 210 °C

**pH value**

Value 2.5 to 4

Concentration/H<sub>2</sub>O 1 %

Value appr. 3.5 °C

Temperature 20 °C

**Solubility(ies)**

Ethanol

Acetone

**Density and/or relative density**Value 0.3 to 0.5 g/cm<sup>3</sup>**9.2. Other information****Solubility in water**Value >= 50 g/cm<sup>3</sup>

Remarks soluble

**Auto-ignition temperature**

Value 470 °C

**SECTION 10: Stability and reactivity****10.1. Reactivity**

None known

**10.2. Chemical stability**

No decomposition if stored and applied as directed. Protect from light.

**10.3. Possibility of hazardous reactions**

No decomposition if stored and applied as directed.

**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 hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity (Components)****Tannins**Species rat  
LD<sub>50</sub> 2260 mg/kg**Skin corrosion/irritation (Components)****Tannins**

Remarks None

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Source ph: ~3.5 at 20°C

**Serious eye damage/irritation (Components)****Tannins**

evaluation

non-irritant

Source

pH: ~3.5 at 20°C

**Mutagenicity (Components)****Tannins**

evaluation

Based on available data, the classification criteria are not met.

**Reproductive toxicity**

evaluation

No negative effects

**Carcinogenicity**

evaluation

No negative effects

**11.2 Information on other hazards****Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

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

Remarks

Quantitative data concerning the ecological effect are not available.

**12.2. Persistence and degradability****Biodegradability**

Remarks

No data available.

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

No data available

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

The Substance does not meet PBT-criteria.

This substance does not meet the vPvB-criteria.

**12.6 Endocrine disrupting properties****Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

**12.7. Other adverse effects****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	The product does not constitute a hazardous substance in land transport.	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 (Germany) WGK 2

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

**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.