

## SAFETY DATA SHEET

### TANIN CAS

version : EN/06-10-22/D

page : 1/3

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

##### 1.1. Product identifier

Product name: Tanin Cas

Synonyms: Tannic acid

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

Oenological use

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

Company details: Institut Œnologique de Champagne  
Z.I. de Mardeuil – Allée de Cumières – BP 25  
51201 EPERNAY Cedex  
FRANCE  
Tel: + 33 (0) 3.26.51.96.00.  
Fax: + 33 (0) 3.26.51.02.20.  
[fds@ioc.eu.com](mailto:fds@ioc.eu.com)

##### 1.4. Emergency telephone number

112

#### SECTION 2. HAZARDS IDENTIFICATION

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

Not applicable

##### 2.2. Label elements

Not applicable

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

##### 3.1. Substances

Substance name: Tannic acid

TLV (ppm): Non established

CAS Nr.: 1401-55-4

##### 3.2. Mixtures

#### SECTION 4. FIRST AID MEASURES

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

First aid: In doubt or if persisting symptoms, obtain medical assistance.

Inhalation: Assure fresh air breathing.

Eye contact: Rinse immediately with plenty of water, for at least 15 minutes. Obtain emergency medical attention if pain, blinking, tears or redness persist.

Skin contact: Wash skin thoroughly with mild soap and water. Obtain medical attention if irritation persists.

Ingestion: Rinse mouth. Obtain medical attention.

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

Not data available

##### 4.3. Indication of any immediate medical attention and special treatment needed

No data available

#### SECTION 5. FIREFIGHTING MEASURES

##### 5.1. Extinguishing media

All extinguishing media can be used.

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

No data available

##### 5.3. Advice for firefighters

Do not enter fire area without proper protective equipment, including respiratory protection.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Equip cleanup crew with proper protection.

##### 6.2. Environmental precautions

No data available

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

On land, sweep or shovel into suitable container. Dilute residues and flush



## SAFETY DATA SHEET

### TANIN CAS

version : EN/06-10-22/D

page : 2/3

#### **6.4. Reference to other sections**

See Sections 8 and 13 for disposal of the substance

## SAFETY DATA SHEET

### TANIN CAS

version : EN/06-10-22/D

page : 3/3

#### SECTION 7. HANDLING AND STORAGE

##### 7.1. Precautions for safe handling

No naked lights. No smoking.

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

Store in a cool, dry, ventilated room, away from not compatible goods.

##### 7.3. Specific end use(s)

#### SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

##### 8.1. Control parameters

No data available.

##### 8.2. Exposure controls

Respiratory protection : Where excessive dust may result, wear approved mask.

Hand protection : .Gloves

Eye protection : Safety glasses.

Skin protection : If skin contact or contamination of clothing is likely, protective clothing should be worn.

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance : Brownish powder

Odour : No

Odour threshold : No data available

pH : No data available

Melting / freezing point : No data available

Initial boiling point and boiling range : No data available

Flash point: 199 °C

Evaporation rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits: No data available

Vapour pressure: No data available

Vapour density: No data available

Relative density: No data available

Solubility(ies): 1 g/ 0,35 mL of water

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidising properties: No data available

##### 9.2. Other information

#### SECTION 10. STABILITY AND REACTIVITY

##### 10.1. Reactivity

None

##### 10.2. Chemical stability

Stable

##### 10.3. Possibility of hazardous reactions

None under normal conditions

##### 10.4. Conditions to avoid

Moisture. Heat

##### 10.5. Incompatible materials

None

##### 10.6. Hazardous decomposition products

None under normal conditions



## SAFETY DATA SHEET

### TANIN CAS

version : EN/06-10-22/D

page : 4/3

#### **SECTION 11. TOXICOLOGICAL INFORMATION**

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

LD50 mouse oral (mg/kg) : 5000

LD50 rat oral (mg/kg) : 2260

## SAFETY DATA SHEET

### TANIN CAS

version : EN/06-10-22/D

page : 5/3

#### SECTION 12. ECOLOGICAL INFORMATION

##### 12.1. Toxicity

No data available

##### 12.2. Persistence and degradability

Impact on biodegradation : Conc. 100 mg / L : 20 % inhibition ( NH<sub>3</sub> oxidat. by *nitrosomas sp.*)  
Conc. 50 mg / L : 7 % inhibition ( NH<sub>3</sub> oxidat. by *nitrosomas sp.*).

##### 12.3. Bioaccumulative potential

No data available

##### 12.4. Mobility in soil

No data available

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

No data available

##### 12.6. Other adverse effects

No data available

#### SECTION 13. DISPOSAL CONSIDERATIONS

##### 13.1. Waste treatment methods

Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local / national regulations.

#### SECTION 14. TRANSPORT INFORMATION

##### 14.1. UN number

No classified.

##### 14.2. UN proper shipping name

No data available

##### 14.3. Transport hazard class(es)

No data available

##### 14.4. Packing group

No data available

##### 14.5. Environmental hazards

No data available

##### 14.6. Special precautions for user

No data available

##### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

#### SECTION 15. REGULATORY INFORMATION

##### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Product not concerned by labelling regulation in accordance to hazardous substances. Follow any other national regulation if applicable

##### 15.2. Chemical safety assessment

Product not concerned by labelling of hazardous products

#### SECTION 16. OTHER INFORMATION

Complete review of compliance with Regulation (EU) No 453/2010 of 20 May 2010



## SAFETY DATA SHEET

### TANIN CAS

version : EN/06-10-22/D

page : 6/3

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