

MATERIAL SAFETY DATA SHEET

TANNIN BOLD

version : EN/17-11-15/B

page : 1/3

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

Product name: Tannin bold

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

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

Pick up mechanically large quantity.

Product to dispose of according to regulations

6.4. Reference to other sections

See Sections 8 and 13 for disposal of the substance

MATERIAL SAFETY DATA SHEET

TANNIN BOLD

version : EN/17-11-15/B

page : 2/3

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

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

LD50 mouse oral (mg/kg) : 5000

LD50 rat oral (mg/kg) : 2260

MATERIAL SAFETY DATA SHEET

TANNIN BOLD

version : EN/17-11-15/B

page : 3/3

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

No data available

12.2. Persistence and degradability

Impact on biodegradation : Conc. 100 mg / L : 20 % inhibition (NH₃ oxidat. by *nitrosomas sp.*)
Conc. 50 mg / L : 7 % inhibition (NH₃ 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

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