

## SAFETY DATA SHEET SOLUTION ST

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1. Product identifier

Chemical name: Tannic acid

Commercial name and Synonyms : Solution ST

#### 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

#### 3.2. Mixtures

Composition : tannic acid, cooper sulfate, potassium bisulfite

N° CAS : 1401-55-4 ; 7758-99-8 ; 7773-03-7

### SECTION 4. FIRST AID MEASURES

#### 4.1. Description of first aid measures

First aid: in case of doubt or if symptoms persist, always call a doctor.

Inhalation: move to fresh air contaminated person.

Eye contact: Wash eyes immediately with plenty of water for several minutes.

Skin contact: remove contaminated clothing and wash affected skin with plenty of water.

Ingestion: If accidentally swallowed, do not drink or vomit, but transferred to hospital immediately.

#### 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

Appropriate means: non-combustible material. Use the appropriate means to surrounding fire.

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

No data available

#### 5.3. Advice for firefighters

No data available.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Avoid contact with eye, skin and respiration.

#### 6.2. Environmental precautions

Prevent further leakage or spillage, if possible safe

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

Collect spilled material in closed containers. Residue should be removed with water.

#### 6.4. Reference to other sections

See Sections 8 and 13 for disposal of the substance

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### SECTION 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

No data available.

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

Store in a cool, dry, ventilated area, away from incompatible materials.

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

No data available

### SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

#### 8.1. Control parameters

No data available.

#### 8.2. Exposure controls

Respiratory protection : Masks.

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

Apperance : Brown liquid.

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: No data available

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): No data available

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

Temperatures above 200 ° C, humidity, light

#### 10.5. Incompatible materials

None

#### 10.6. Hazardous decomposition products

Oxidizing agents

### SECTION 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

Non toxic product

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### SECTION 12. ECOLOGICAL INFORMATION

#### 12.1. Toxicity

No data available

#### 12.2. Persistence and degradability

No data available

#### 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

Comply with applicable regulation.

### SECTION 14. TRANSPORT INFORMATION

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable

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

No data available

#### 14.4. Packing group

Not applicable

#### 14.5. Environmental hazards

Not applicable

#### 14.6. Special precautions for user

Not applicable

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

Not applicable

### 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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