

## SAFETY DATA SHEET PHOSPHATES TITRES

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1. Product identifier

Product name: PHOSPHATES TITRES

#### 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

Data not available

#### 2.2. Label elements

Not applicable.

#### 2.3. Other hazards

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

#### 3.2. Mixtures

Chemical name : diammonium Phosphate + thiamine chlorhydrate

N° CAS : 7783-28-0 / 67-03-8

EINECS Nr : 231-987-8 / 200 641 8

Chemical formula :  $(\text{NH}_4)_2\text{HPO}_4$  /  $\text{C}_{12}\text{H}_{17}\text{ClN}_4\text{OS}\cdot\text{HCl}$

### SECTION 4. FIRST AID MEASURES

#### 4.1. Description of first aid measures

Inhalation : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Eye contact : Immediately flush eye with plenty of water for at least 15 minutes. Get medical attention.

Skin contact : Immediately flush skin with plenty of water for at least 15 minutes. Take off contaminated clothes and shoes and wash.

Ingestion : If high quantity are swallowed get medical attention.

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

Data not available

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

No data available

### SECTION 5. FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

Fire Extinguishing Media : Use any means suitable for extinguishing surrounding

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

The product is heated up to decomposition stage releases toxic fumes of ammonia and phosphorus oxide.

#### 5.3. Advice for firefighters

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Wear full protective clothing and self-contained breathing apparatus. Always wear eyes protection.

#### 6.2. Environmental precautions

Keep out sewers, storm basins, surface water and earth.

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

Sweep and shovel the product in clean and dry garbage containers and cover.

#### 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

Avoid breathing dust. Preventing contact with eyes, skin or clothing. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. The containers, even empty, trap residue and vapours. Always follow the advice of danger and manipulate containers as if they were.

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

Store in a cool, dry, ventilated place.

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

No data available.

### SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

#### 8.1. Control parameters

None established.

#### 8.2. Exposure controls

Ventilation System : Provide local mechanical ventilation able to maintain the dust emissions as low as possible.

Breathing Protection : Breathing apparatus.

Hand protection : Wear rubber gloves.

Eye Protection : Protective Eyewear.

Skin protection : Clothing protection with rubber boots.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance : Cristallin white

Odour : Odourless

Odour threshold : No data available

pH : 8

Melting / freezing point : ~-100 °C

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: 1,619

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

Dangerous reactions with acids, oxidizing agents, nitrites and nitrates

#### 10.4. Conditions to avoid

Humidity, high temperature

#### 10.5. Incompatible materials

Magnesium, strong acids, bases strong

#### 10.6. Hazardous decomposition products

Smokes toxic ammonia and phosphorus oxide

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

Inhalation : Irritating to mucosal

Eye Contact : The dust can be irritating

Skin Contact : Irritating only after prolonged contact

Ingestion : No effects identified.

### SECTION 12. ECOLOGICAL INFORMATION

#### 12.1. Toxicity

Aquatic toxicity : CL50 Vairon 155 ppm/96 hr

#### 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

Disposal Methods: Arrange the contaminated product and materials used for cleaning the spill or leak in compliance with the requirements for this area

Packaging contaminated: See regulations.

### SECTION 14. TRANSPORT INFORMATION

#### 14.1. UN number

Not regulated.

#### 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

This substance is not considered dangerous substance included in Schedule 1 of the EEC Directive 67/548

#### 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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