

MATERIAL SAFETY DATA SHEET : PHOSPHATES TITRES

1. IDENTIFICATION OF THE PRODUCT / COMPANY IDENTIFICATION

Description : Phosphates titrés

Commercial name and synonyms : Phosphates titrés

Manufacturer / supplier identification :

Institut Œnologique de Champagne
Z.I. de Mardeuil BP 25
51201 EPERNAY Cedex

Tel : + 33 (0) 3.26.51.96.00.

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name : diammonium Phosphate + thiamine chlorhydrate

CAS Nr : 7783-28-0 / 67-03-8

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

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

3. IDENTIFICATIONS DES DANGERS

Inhalation : Causes irritation to the respiratory tract.

Skin Contact : Causes irritation to skin. Low toxicity.

Eye Contact : Causes irritation but without real danger for eyes.

Ingestion : Low toxicity. Causes irritation to the gastrointestinal tract.

4. 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.

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5. FIRE-FIGHTING MEASURES

Fire Extinguishing Media : Use any means suitable for extinguishing surrounding.

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

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

6. ACCIDENTAL RELEASE MEASURES

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

Environment protection measures : Keep out sewers, storm basins, surface water and earth.

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

7. HANDLING AND STORAGE

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.

Storage : Store in a cool, dry, ventilated place.

8. EXPOSURE CONTROLS / PERSONAL

Tolerable Limits Value (TLV) : None established.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical condition: Cristallin



MATERIAL SAFETY DATA SHEET : PHOSPHATES TITRES

Color: White.

Odor: None.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid : Humidity, high temperature

Subjects to avoid: Magnesium, strong acids, bases strong

Hazardous Decomposition: Smokes toxic ammonia and phosphorus oxide

11. TOXICOLOGICAL INFORMATION

Inhalation: Irritating to mucosal

Eye Contact: The dust can be irritating

Skin Contact: Irritating only after prolonged contact

Ingestion: No effects identified

12. ECOLOGICAL INFORMATIONS

Environmental Fate : Phosphate causes the growth of algae and can lead to degradation of water quality

Aquatic toxicity : CL50 Vairon 155 ppm/96 hr.

13. DISPOSAL CONSIDERATION

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.

14. TRANSPORT INFORMATION

Not regulated.

15. REGULATORY INFORMATION

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



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16. OTHER INFORMATION

Registration toxicity Number RTECS / NIOSH: TB 93 75 000

TSCA: Substance included in the "toxic substances control act inventory American"

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