



# LAFFORT

*l'œnologie par nature*

## SAFETY DATA SHEET

Regulation (CE) n°1272/2008 amending Regulation (CE) n°1907/2006  
**THIAZOTE® – THIAZOTE® PH – THIAZOTE® SP – THIAZOTE® KP**

Date: 11/10/2016

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Ind. Rev.: 5

### 1 – IDENTIFICATION

1.1 Identification of the substance or preparation: **THIAZOTE® – THIAZOTE® PH – THIAZOTE® SP – THIAZOTE® KP**

1.2 Use of the substance/preparation: Alcoholic fermentation activator.

1.3 Company/Undertaking identification: LAFFORT - CS61611 - 33 072 BORDEAUX CEDEX - FRANCE  
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info@laffort.com [www.laffort.com](http://www.laffort.com)

	<u>In AUSTRALIA</u>	<u>In NEW ZEALAND</u>	<u>In SOUTH AFRICA</u>	<u>In USA</u>
imported by	LAFFORT AUSTRALIA	LAFFORT NEW ZEALAND Ltd	LAFFORT SOUTH AFRICA	LAFFORT USA
Address	23 Burwood Avenue Woodville North South Australia 5012	p.o. box 60-249 4/b greenwoods close Titirangi 1000 auckland	32 Zandwyk park Paarl 7646	1460 Cader Lane Suite C Petaluma CA 94954
Phone number	(08) 8360 2200	64 (0) 21 322 290	+27 21 882 8106	+1 (707) 775 4530

1.4 Emergency telephone: Check with your local hospital (anti-poison department).

### 2 – HAZARDS IDENTIFICATION

The product mentioned above does not fill the criteria of dangerousness listed in the regulations n°1907/2006/CE and n°1272/2008 as well as in the directives n°67/548/EEC and n°1999/45/CE.

The product is considered not hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

So, this product does not require a safety data sheet. The transmitted informations are given for information purposes.

### 3 – COMPOSITION/INFORMATION ON INGREDIENTS

#### Product composition :

THIAZOTE®: ammonium sulphate and hydrochlorate thiamine (≈0.12%).

THIAZOTE® SP: ammonium sulphate (≈49.94%), diammonium phosphate (≈49.94) and hydrochlorate thiamine (≈0.12%).

THIAZOTE® PH: diammonium phosphate and hydrochlorate thiamine (≈0.12%).

THIAZOTE® KP: diammonium phosphate and hydrochlorate thiamine (≈0.12%).

	N° EINECS	N° CAS	N°E	Number of recording REACH	Classification R. (CE) n°1272/2008
Ammonium sulphate	231-984-1	7783-20-2	E517	01-2119455044-46-xxx	Not Classified
Diammonium phosphate	231-987-8	7783-28-0	E342	01-2119490974-22-xxx	Not Classified
Hydrochlorate thiamine	200-641-8	67-03-8	/	Not Classified	Not Classified

Hazardous components : none.

#### 4 – FIRST AID MEASURES

No required device.

In case of eye contact: Rinse with water immediately and abundantly during 15 minutes by maintaining the eyelids opened. If an irritation develops, consult an ophthalmologist.

In case of inhalation: Aerate the room. Remove the patient from the contaminated premises and allow him to rest in a well ventilated area. In case of faintness, consult a doctor.

In case of ingestion: Do not drink or vomit. Rinse mouth with plenty of water. In case of persistent disorders, consult a doctor.

In case of skin contact: Wash with plenty of soap and water. If an irritation develops, consult an ophthalmologist.

#### 5 – FIRE-FIGHTING MEASURES

Non-flammable.

Suitable Extinguishing Media: Water, CO<sub>2</sub>, foam, chemical powders according to the materials involved in the fire.

Extinguishing media to be avoided: None in particular.

Risks arising from combustion: in case of combustion, emits toxic smokes. The product warmed until 235°C can release harmful vapors: ammonia, oxides of phosphor or sulfur.

Protective equipment: Use protection for the respiratory tract.

#### 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: See § 8 below.

Carefully plan the environment: Prevent the flow of the product in sewers, grounds and natural waters.

Cleaning methods: If the product is in liquid form, stop it from entering the drainage system. In case material released or spilled, vacuum spill. Appropriately absorb any spills with inert material and dispose of properly. Avoid the formation of dust. After picking up the product, rinse the area and materials with water.

#### 7 – HANDLING AND STORAGE

Precaution for handling: Avoid contact and inhalation of dust. See also § 8 below. Do not eat or drink during the work.

Storage conditions: The containers should always be tightly closed. THIAZOTE® and THIAZOTE® SP must be stored separately from strong oxidizers and alkaline substances.

For local indication: Avoid exposure to humidity. Store in original sealed packages, in a cool dry place (off the floor) in an odour-free environment.

#### 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Precautions: Properly ventilate the premises where the product is stored and / or handled.

Technical measures: use an appropriate ventilation system to keep the quantity of dust under the breathable limit.

<u>Components</u>	<u>Breathable limit</u>
Ammonium sulphate	Not available
Diammonium phosphate	ENEL/DMEL = 6,1mg% <sup>3</sup> (workers)
Hydrochlorate thiamine	Not available

Respiratory Protection: Wear protective mask in case of excessive dusts.

Protection of hands: Use protective gloves.

Eye protection: Wear safety glasses with lateral protection.

Skin Protection: Wear protective clothes.

Exposure limit (ACGIH): None.

## 9 – PHYSICAL AND CHEMICAL PROPERTIES

<u>Aspect</u>	colorless or white crystals
<u>Solubility in the water</u>	soluble
<u>pH</u>	THIAZOTE ® ~ 5,5 THIAZOTE ® SP ~ 7,8 THIAZOTE ® PH ~ 8,0 THIAZOTE ® KP ~ 8,0
<u>Decomposition point</u>	~ 350°C for THIAZOTE ® - ~ 150°C for THIAZOTE ® SP - THIAZOTE ® PH - THIAZOTE ® KP
<u>Flash point</u>	not combustible substance

Other physico-chemical parameters are not relevant for the safety.  
For further information, refer to the data sheet and to the Product sheet.

## 10 – STABILITY AND REACTIVITY

Chemically stable if stored in a dry and cool place. Avoid humidity and heat.

Substances to avoid: strong alkaline, strong oxidizers for THIAZOTE ® and THIAZOTE ® SP and strong acids for THIAZOTE ® SP - THIAZOTE ® PH - THIAZOTE ® KP.

Danger of decomposition: in case of combustion, emits toxic smokes. The product warmed until 235°C can release harmful vapors: ammonia, oxides of phosphor or sulfur.

## 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: No known effects.

	Ammonium sulphate	Diammonium phosphate
DL50 (rat oral route)	4250 mg/kg	> 2000 mg/kg
DL50 (rat cutaneous)	> 2000 mg/kg	> 5000 mg/kg

Skin corrosion/irritation: According to the available experimental studies: not irritating.

Eye damage/irritation: According to the available experimental studies: not irritating.

Respiratory /Skin sensitization: According to the available experimental studies: not making sensitive. Dusts can provoke irritations of mucous membranes and skin, during a prolonged exposure.

CMR (Carcinogenity, germ cell Mutagenicity, Reproductive toxicity): No known effects.

## 12 – ECOLOGICAL INFORMATION

Ecotoxicity: product not presenting particular risk for the environment.

Obstinacy and degradability: mineral Product, cannot be eliminated from some water by biological processes of purge.

Potential of bioaccumulation: because of the coeff. of division(sharing) n-octanol-eau (log Pow), a notable accumulation in the bodies is not expected.

Other information: the phosphate is a nutriment for the vegetable kingdom and as such can favor the growth of the phytoplankton in the water. The appropriate introduction of low concentrations in adapted water-treatment plant does not disrupt the cycle of biological action of activated sludges.

## 13 – DISPOSAL CONSIDERATION

Sweep or vacuum released product. Avoid raising dust.

No required method of special elimination Refer to national government, regional and local regulations before disposal procedure.

## 14 – TRANSPORT INFORMATION

According to the international rules of transport, this product is not hazardous materials.

Road transports: ADR = not referenced.

Rail transports: RID = not referenced.

River and maritime transports: DNA and IMDG = not referenced.

Air transports: ICAO / IATA = not referenced.

**15 – REGULATORY INFORMATION**

Not listed as a hazardous substance or preparation according to the regulation n°1272/2008 (CLP)/

Product not covered by the rules on the labeling of dangerous substances.

Ammonium sulphate and Diammonium phosphate are a part of the exhaustive list of the food additives of the part B of the appendix II of the regulation (CE) n°1333 / 2008 under the number E517 and E342.

Product not submitted to recording, to the obligations of the users downstream, to the evaluation nor to the authorization according to REACH.

Comply with any provision of national law in force.

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**16 – OTHER INFORMATION**

The information given in this data safety sheet is considered to be true and correct at time of publication. However the precision and completeness of this information, including all regulations, are given without warranty.

As usage conditions are beyond our control, it is the user's responsibility to determine safe usage conditions for this product.

*« We inform all users of the risks incurred when a product is used for practices other than those for which it is designed. The user must understand and apply the totality of the regulations controlling the activity».*

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