

MATERIAL SAFETY DATA SHEET
Directive (CEE) 91-155
THIAZOTE PH

Date: 29/05/07

Page: 1/3
Ind. Rev.: 0

1 – CHEMICAL PRODUCT IDENTIFICATION AND COMPANY IDENTIFICATION

Product: **THIAZOTE PH**
Supplier: LAFFORT - B.P. 17 - 33 015 BORDEAUX CEDEX
Tel: 05.56.86.53.04 Fax: 05.56.86.30.50
Emergency phone: Contact your local physician or hospital.

2 – COMPOSITION / INFORMATION ON INGREDIENTS

Nature of the product: mix of Diammonium Phosphate and thiamine hydrochloride (0.125%)
Diammonium Phosphate N° CAS 7783-28-0
Thiamine hydrochloride (Vitamine B1) N° CAS 67-03-8

3 - HAZARD IDENTIFICATION

No adverse effects are known.

Inhalation: High dust concentration might cause irritation (nose and upper respiratory tract).
Contact with skin: Prolonged contact may cause some irritation.
Contact with eyes: May cause eyes irritation.
Ingestion: Small quantities are unlikely to cause toxic effect. Large quantities may give rise to gastrointestinal disorders.

4 – FIRST AID MEASURE

Contact with eyes: Immediately flush eyes (holding eyelids apart) abundantly with water for at least 15 minutes. Get medical attention if irritation persists.
Contact with skin: Wash with soap and water.
Ingestion: Do not induce vomiting. Drink large amount of water (or milk). Get medical attention if large amount is ingested.
Inhalation: Remove from the source of exposure of dust. Get medical attention immediately.

5 – FIRE FIGHTING MEASURE

Recommended extinguishing media: Chemical type foam, CO₂, dry chemical, water fog.
Unusual fire and explosion hazard: Non-flammable inorganic salt, however, when strongly heated it will decompose giving off ammonia.
Fire fighting measures: Keep people away from and upwind of fire. Wear full fire-fighting gear and respiratory protection.

6 – ACCIDENTAL RELEASE MEASURE

Individual protection: Wear full fire-fighting gear (boots, gloves, chemical safety, goggles, apron) and a self-contained breathing apparatus.
Environmental protection: Keep away from any waterway: drains, creeks,...
Spillage should be swept up and placed in waste container to be disposed at an appropriated waste disposal facility according to the current applicable laws and regulations.
Wash abundantly with water.

7 – HANDLING AND STORAGE

Handling:	Use appropriated safety protective equipment. Avoid generating dust. Avoid contact with skin. Contaminated clothes must be cleaned before re-using. Wash carefully your hands and face after handling.
Storage:	Store in dry, well-ventilated area away from potential sources of heat and fire. Keep in the original packaging.

8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Avoid high dust concentration and provide ventilation where necessary.

Respiratory protection:	Wear approved and appropriated respiratory protective equipment in accordance with the nuisance dust level.
Eyes protection:	Safety goggles.
Hand protection:	Safety gloves (long sleeves in case of skin irritation).
Others:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Diammonium phosphate:	
Melting point:	155°C
Solubility in water:	588 g/L (@ 20°C)
Specific gravity:	1.6 (@20°C)
Bulk density:	1000 kg/m ³ (depends on the granulometry)
Vapour pressure:	<1 mm Hg (@20°C)
Molecular weight:	132
pH:	8 (in 1% solution)

10 – STABILITY AND REACTIVITY

This product is stable under normal conditions of storage, handling and use. Avoid moisture.

Material to avoid:	Alkalis, strong acids, copper and its alloys.
Hazardous decomposition products:	Ammonia and phosphoric oxide are released upon reaction with strong bases or from thermal decomposition.

11 – TOXICOLOGICAL INFORMATION

Ingestion	No identified effect.
Inhalation	Irritation of mucous membrane
Carcinogenic effect	none
Mutagenic effect	none
Chronic affect	none

12 – ECOLOGICAL INFORMATION

Inorganic phosphates have the potential to increase the growth of algae and cause the degradation of the quality of the water (reduce the available oxygen for aquatic life).

Aquatic toxicity:	CL 50 Vairon 155 ppm /96 h
-------------------	----------------------------

13 – DISPOSAL CONSIDERATIONS

Dispose the waste at an appropriate waste disposal facility according to applicable laws and regulations.
Collect in appropriated containers.

14 – TRANSPORT INFORMATION

Product not concerned by the hazardous material transport regulation.

15 – REGULATORY INFORMATION

Product not concerned by the hazardous material labelling regulation.
Check the local legislation in force.

16 - AUTRES INFORMATIONS

Although the information contained in this safety data sheet is offered in good faith, the precision and the exhaustiveness of this information, as well as all the rules are given without any warranty (express or implied) or any guarantee of its accuracy or sufficiency.

The conditions of use being out of control of our company, it is therefore up to the user to determine the conditions of the safest use of this preparation. Laffort specifically disclaims any liability whatsoever for the use of such information, including without limitation any recommendation which user may construe and attempt to apply which may infringe or violate valid patents, and/or copyright.
