



a xylem brand

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SAFETY DATA SHEET NITRATEST TABLETS

1. Identification

Product identifier

Product name NITRATEST TABLETS
Product number YAP163, YPM163

Recommended use of the chemical and restrictions on use

Application Testing water

Details of the supplier of the safety data sheet

Supplier PALINTEST USA
 1455 JAMIKE AVENUE
 ERLANGER
 KENTUCKY
 41018
 USA
 859 341 7423
 TOLL FREE 800 835 9629
 859 341 2106
 info@palintestusa.com

Distributor: YSI, INC.
 1700 BRANNUM LANE
 YELLOW SPRINGS
 OHIO
 USA
 937-767-7241
 MSDSINFO@XYLEMINC.COM

Emergency telephone number: Chemtrec®:

Emergency telephone number

Emergency telephone +44 (0)207 858 1228 (24hr)

(US & Canada) 800-424-9300
 (International) +1 (703) 527-3887

National emergency telephone number +44 (0)207 858 1228 (24hr)

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified
Health hazards Acute Tox. 4 - H302
Environmental hazards Not Classified

Label elements

Pictogram



Signal word Warning

Hazard statements H302 Harmful if swallowed.

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Precautionary statements

P264 Wash contaminated skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P301+P310 If swallowed: Immediately call a poison center/doctor.
 P330 Rinse mouth.
 P501 Dispose of contents/container in accordance with local regulations.

Contains AMMONIUM CHLORIDE

Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

3. Composition/information on ingredients

Mixtures

AMMONIUM CHLORIDE	80-100%
CAS number: 12125-02-9	

Classification
 Acute Tox. 4 - H302
 Eye Irrit. 2 - H319

BORIC ACID	<3.1%
CAS number: 10043-35-3	

Classification
 Repr. 1B - H360FD

The Full Text for all Hazard Statements are Displayed in Section 16.

Composition comments The Data Shown is in accordance with the latest EC Directives.

4. First-aid measures

Description of first aid measures

General information Treat symptomatically.

Inhalation Remove affected person from source of contamination. Move affected person to fresh air at once. Get medical attention.

Ingestion Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin Contact Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation Irritation of nose, throat and airway.

Ingestion May cause discomfort if swallowed.

Skin contact Skin irritation.

Eye contact May cause severe eye irritation.

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Indication of immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

Special hazards arising from the substance or mixture

Hazardous combustion products No known hazardous decomposition products.

Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions Not considered to be a significant hazard due to the small quantities used. However, large or frequent spills may have hazardous effects on the environment.

Methods and material for containment and cleaning up

Methods for cleaning up Avoid generation and spreading of dust. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet.

7. Handling and storage

Precautions for safe handling

Usage precautions Good personal hygiene procedures should be implemented. Avoid inhalation of dust and contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep separate from food, feedstuffs, fertilizers and other sensitive material.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

AMMONIUM CHLORIDE

Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m³

Short-term exposure limit (15-minute): ACGIH 20 mg/m³

BORIC ACID

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Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³

Short-term exposure limit (15-minute): ACGIH 6 mg/m³

A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

Ingredient comments Due to the hazardous nature of ingredients, exposure should be minimal. WEL = Workplace Exposure Limits

Exposure controls

Protective equipment



Appropriate engineering controls Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

Hand protection Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber.

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Solid
Color	White/off-white.
Odor	Odorless.
Solubility(ies)	Soluble in water.
Other information	No data available.

10. Stability and reactivity

Reactivity There are no known reactivity hazards associated with this product.

Stability Stable under the prescribed storage conditions.

Possibility of hazardous reactions No data available.

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

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Hazardous decomposition products No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects

Toxicological effects No data available.

Acute toxicity - oral

ATE oral (mg/kg) 1,447.6386037

12. Ecological Information

Ecotoxicity There are no data on the ecotoxicity of this product. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

Toxicity

Toxicity No data available.

Persistence and degradability

Persistence and degradability No data available.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Mobility in soil

Mobility The product is soluble in water.

Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

Other adverse effects

Other adverse effects None known.

13. Disposal considerations

Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

UN Number

Not applicable.

UN proper shipping name

Not applicable.

Transport hazard class(es)

No transport warning sign required.

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Packing group

Not applicable.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Not applicable.

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

15. Regulatory information

US Federal Regulations

SARA 313 Emission Reporting

None of the ingredients are listed.

CAA Accidental Release Prevention

None of the ingredients are listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed.

Inventories

Canada - DSL/NDL

All the ingredients are listed or exempt.

US - TSCA

All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

None of the ingredients are listed.

16. Other information

Issued by	L. Morgan
Revision date	3/24/2016
Revision	7
Supersedes date	3/16/2016
SDS status	Approved.
Hazard statements in full	H302 Harmful if swallowed. H319 Causes serious eye irritation. H360FD May damage fertility if swallowed. May damage the unborn child if swallowed.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.