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

Emergency telephone number
Emergency telephone +44 (0)207 858 1228 (24hr)
National emergency telephone +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.
NITRATEST TABLETS

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

<table>
<thead>
<tr>
<th>AMMONIUM CHLORIDE</th>
<th>80-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 12125-02-9</td>
<td></td>
</tr>
</tbody>
</table>

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.
NITRATEST TABLETS

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 use(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
NITRATEST TABLETS

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Solid</td>
</tr>
<tr>
<td>Color</td>
<td>White/off-white.</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless.</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Soluble in water.</td>
</tr>
<tr>
<td>Other information</td>
<td>No data available.</td>
</tr>
</tbody>
</table>

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.
NITRATEST TABLETS

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
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.
NITRATEST TABLETS

Packing group
Not applicable.

Environmental hazards
Environmentally Hazardous Substance
No.

Special precautions for user
Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

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/NDSL
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.