SAFETY DATA SHEET
NITRIPHOT No. 1 TABLETS

1. Identification

Product identifier

Product name NITRIPHOT No. 1 TABLETS
Product number YAP 260, YPM 260, X-162

Internal identification

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 Eye Irrit. 2A - H319
Environmental hazards Not Classified

Label elements

Pictogram

Signal word Warning
Hazard statements H319 Causes serious eye irritation.
NITRIPHOT No. 1 TABLETS

Precautionary statements
P264 Wash contaminated skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

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>Substance</th>
<th>Percentage</th>
<th>CAS number</th>
<th>REACH registration number</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADIPIC ACID</td>
<td>60-80%</td>
<td>124-04-9</td>
<td>01-2119457561-38-XXXX</td>
</tr>
<tr>
<td>Classification</td>
<td></td>
<td></td>
<td>Eye Irr. 2 - H319</td>
</tr>
<tr>
<td>CITRIC ACID</td>
<td>40-60%</td>
<td>77-92-9</td>
<td>01-2119457026-42-XXXX</td>
</tr>
<tr>
<td>Classification</td>
<td></td>
<td></td>
<td>Eye Irr. 2 - H319</td>
</tr>
</tbody>
</table>

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.
NITRIPHOT No. 1 TABLETS

Most important symptoms and effects, both acute and delayed

<table>
<thead>
<tr>
<th>General information</th>
<th>The severity of the symptoms described will vary dependent on the concentration and the length of exposure.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Irritation of nose, throat and airway.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause discomfort if swallowed.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Skin irritation.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>May cause severe eye irritation.</td>
</tr>
</tbody>
</table>

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.
NITRIPHOT No. 1 TABLETS

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

ADIPIC ACID
Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m³
ACGIH = American Conference of Governmental Industrial Hygienists.

Ingredient comments WEL = Workplace Exposure Limits No exposure limits known for ingredient(s).

ADIPIC ACID (CAS: 124-04-9)

Ingredient comments No exposure limits known for ingredient(s).

CITRIC ACID (CAS: 77-92-9)

PNEC - Fresh water; 0.44 mg/l - Marine water; 0.044 mg/l

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 Respiratory protection may be required if excessive airborne contamination occurs.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance Solid

Color White.

Odor Odorless.

Other information No data available.
NITRIPHOT No. 1 TABLETS

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.
Hazardous decomposition products  No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects
Toxicological effects  No data available.

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

Persistance and degradability

Persistence and degradability  No data available.
Bioaccumulative 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.
## NITRIPHOT No. 1 TABLETS

### 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.

**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**

**CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

ADIPIC ACID

Final CERCLA RQ: 5000(2270) pounds (Kilograms)

**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.

**Massachusetts "Right To Know" List**

ADIPIC ACID
NITRIPHOT No. 1 TABLETS

Rhode Island "Right To Know" List
ADIPIC ACID

Minnesota "Right To Know" List
ADIPIC ACID

New Jersey "Right To Know" List
ADIPIC ACID

Pennsylvania "Right To Know" List
ADIPIC ACID

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 10/13/2015
Revision 6
Supersedes date 6/5/2015
SDS status Approved.
Hazard statements in full H319 Causes serious eye irritation.

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.