

# Palintest®

## SAFETY DATA SHEET ORGANOPHOSPHONATE No. 1 TABLETS

### 1. Identification

#### Product identifier

**Product name** ORGANOPHOSPHONATE No. 1 TABLETS  
**Product number** AD-1586, AD-1582, AS 158, CP 158, PK 158

#### 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 number** +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 Repr. 1B - H360FD  
**Environmental hazards** Not Classified

#### Label elements

##### Pictogram



**Signal word** Danger

**Hazard statements** H319 Causes serious eye irritation.  
H360FD May damage fertility. May damage the unborn child.

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**Precautionary statements**

P201 Obtain special instructions before use.  
 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.  
 P501 Dispose of contents/container in accordance with local regulations.

**Contains** BORIC ACID

**WHMIS Label** Materials Causing Other Toxic Effects.

**Other hazards**

This product does not contain any substances classified as PBT or vPvB.

### 3. Composition/information on ingredients

**Mixtures**

|   |                 |
|---|-----------------|
| <b>ADIPIC ACID</b>                            | <b>40-60%</b>   |
| CAS number: 124-04-9                          |                 |
| <b>Classification</b><br>Eye Irrit. 2A - H319 |                 |
| <b>BORIC ACID</b>                             | <b>10-30%</b>   |
| CAS number: 10043-35-3                        |                 |
| <b>Classification</b><br>Repr. 1B - H360FD    |                 |
| <b>ASCORBIC ACID</b>                          | <b>10-30%</b>   |
| CAS number: 50-81-7                           |                 |
| <b>Classification</b><br>Not Classified       |                 |
| <b>ION EXCHANGE RESIN</b>                     | <b>&lt;3.1%</b> |
| CAS number: —                                 |                 |
| <b>Classification</b><br>Not Classified       |                 |
| <b>XYLENOL ORANGE</b>                         | <b>&lt;0.5%</b> |
| CAS number: 3618-43-7                         |                 |
| <b>Classification</b><br>Not Classified       |                 |

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|                         |                 |
|-------------------------|-----------------|
| <b>XYLENE CYANOL FF</b> | <b>&lt;0.1%</b> |
| CAS number: 2650-17-1   |                 |
| <b>Classification</b>   |                 |
| Skin Irrit. 2 - H315    |                 |
| Eye Irrit. 2A - H319    |                 |
| STOT SE 3 - H335        |                 |

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

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Unlikely route of exposure as the product does not contain volatile substances.   |
| <b>Ingestion</b>    | Rinse mouth thoroughly with water. Get medical attention immediately.   |
| <b>Skin Contact</b> | Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.   |
| <b>Eye contact</b>  | Rinse immediately with plenty of water. 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. Show this Safety Data Sheet to the medical personnel. |

#### Most important symptoms and effects, both acute and delayed

|                            |   |
|----------------------------|---|
| <b>General information</b> | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| <b>Inhalation</b>          | This is unlikely to occur but symptoms similar to those of ingestion may develop.                           |
| <b>Ingestion</b>           | May cause chemical burns in mouth and throat. May cause stomach pain or vomiting.                           |
| <b>Skin contact</b>        | May cause serious chemical burns to the skin.   |
| <b>Eye contact</b>         | May cause blurred vision and serious eye damage.  |

#### 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**    Heating may generate the following products: Toxic and corrosive gases or vapors.

#### 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.

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### Environmental precautions

**Environmental precautions** Not considered to be a significant hazard due to the small quantities used. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Large Spillages: Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Small Spillages: Absorb spillage with non-combustible, absorbent material. Flush contaminated area with plenty of water.

**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.

### Conditions for safe storage, including any incompatibilities

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

### 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

##### **ADIPIC ACID**

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>

##### **BORIC ACID**

Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): ACGIH 6 mg/m<sup>3</sup>

A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

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

#### **ADIPIC ACID (CAS: 124-04-9)**

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

### Exposure controls

#### **Protective equipment**



#### **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: Chemical splash goggles.

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|                               |   |
|-------------------------------|---|
| <b>Hand protection</b>        | It is recommended that chemical-resistant, impervious gloves are worn. It is recommended that gloves are made of the following material: Nitrile rubber.                                  |
| <b>Hygiene measures</b>       | No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. Wash promptly if skin becomes contaminated. |
| <b>Respiratory protection</b> | No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.   |

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

|                          |                    |
|--------------------------|--------------------|
| <b>Appearance</b>        | Solid              |
| <b>Color</b>             | Green.             |
| <b>Odor</b>              | Odorless.          |
| <b>Solubility(ies)</b>   | Soluble in water.  |
| <b>Other information</b> | No data available. |

### 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | There are no known reactivity hazards associated with this product.  |
| <b>Stability</b>                          | Stable under the prescribed storage conditions.  |
| <b>Possibility of hazardous reactions</b> | No data available.   |
| <b>Conditions to avoid</b>                | There are no known conditions that are likely to result in a hazardous situation.                                |
| <b>Materials to avoid</b>                 | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |
| <b>Hazardous decomposition products</b>   | There are no anticipated hazardous decomposition products associated with this material.                         |

### 11. Toxicological information

#### Information on toxicological effects

|                              |                           |
|------------------------------|---------------------------|
| <b>Toxicological effects</b> | No information available. |
|------------------------------|---------------------------|

### 12. Ecological Information

|                    |  |
|--------------------|--|
| <b>Ecotoxicity</b> | 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

|                 |                    |
|-----------------|--------------------|
| <b>Toxicity</b> | No data available. |
|-----------------|--------------------|

#### Persistence and degradability

|                                      |   |
|--------------------------------------|---|
| <b>Persistence and degradability</b> | There are no data on the degradability of this product. |
|--------------------------------------|---|

#### Bioaccumulative potential

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**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

**General information** The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

**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)**  
None of the ingredients are listed.

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### 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

None of the ingredients are listed.

#### Rhode Island "Right To Know" List

None of the ingredients are listed.

#### Minnesota "Right To Know" List

None of the ingredients are listed.

#### New Jersey "Right To Know" List

None of the ingredients are listed.

#### Pennsylvania "Right To Know" List

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

|                                  |   |
|----------------------------------|---|
| <b>Issued by</b>                 | L. Morgan   |
| <b>Revision date</b>             | 1/29/2016   |
| <b>Revision</b>                  | 6   |
| <b>Supersedes date</b>           | 10/14/2015  |
| <b>SDS status</b>                | Approved.   |
| <b>Hazard statements in full</b> | H315 Causes skin irritation.<br>H319 Causes serious eye irritation.<br>H335 May cause respiratory irritation.<br>H360FD May damage fertility. May damage the unborn child.<br>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.