

# Palintest

Water Analysis Technologies

## SAFETY DATA SHEET PHOSPHATE LR No. 2 TABLETS

According to WHMIS 2015, in compliance with the Hazardous Product Act (HPA, as amended) and the requirements of the Hazardous Product Regulations (HPR)

### 1. Identification

#### Product identifier

**Product name** PHOSPHATE LR No. 2 TABLETS

**Product number** AK177, AP177, CM177, CR177, PM177, CKH1177, WAG-WE10160, WAG-WE10356, SPH7010US

#### Recommended use of the chemical and restrictions on use

**Restriction on use** Testing water

#### Details of the supplier of the safety data sheet

**Supplier** PALINTEST USA  
400 CORPORATE CIRCLE  
SUITE J  
GOLDEN  
COLORADO  
80401  
USA  
Tel: (720) 221-6878  
Fax: (720) 496-4766  
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 identification

#### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Eye Dam. 1 - H318

**Environmental hazards** Not Classified

#### Label elements

##### Hazard pictograms



**Signal word** Danger

**Hazard statements** H318 Causes serious eye damage.

## PHOSPHATE LR No. 2 TABLETS

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P103 Read label before use.  
 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.  
 P310 Immediately call a POISON CENTER/ doctor.

**Contains** SODIUM METABISULPHITE

### Other hazards

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

### 3. Composition/information on ingredients

#### Mixtures

<b>SODIUM CHLORIDE</b>	<b>60-80%</b>
CAS number: 7647-14-5	
<b>Classification</b> Not Classified	
<b>SODIUM METABISULPHITE</b>	<b>10-20%</b>
CAS number: 7681-57-4	
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318	
<b>ADIPIC ACID</b>	<b>10-20%</b>
CAS number: 124-04-9	
<b>Classification</b> Eye Irrit. 2 - H319	
<b>AMMONIUM MOLYBDATE</b>	<b>5-10%</b>
CAS number: 12054-85-2	
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	
<b>BORIC ACID</b>	<b>3-5%</b>
CAS number: 10043-35-3	
<b>Classification</b> Repr. 1B - H360FD	

The full text for all hazard statements is displayed in Section 16.

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### 4. First-aid measures

#### Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Keep affected person under observation. Get medical attention. Show this Safety Data Sheet to the medical personnel.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<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>Inhalation</b>	This is unlikely to occur but symptoms similar to those of ingestion may develop.
<b>Ingestion</b>	Chemical burns.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	May cause severe eye irritation.

#### Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
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### 5. Fire-fighting measures

#### Extinguishing media

<b>Suitable extinguishing media</b>	Use fire-extinguishing media suitable for the surrounding fire.
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#### Specific hazards arising from the hazardous product

<b>Hazardous combustion products</b>	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
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#### Advice for firefighters

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
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### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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#### Environmental precautions

<b>Environmental precautions</b>	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.
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#### Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	No specific clean-up procedure recommended.
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#### Reference to other sections

<b>Reference to other sections</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### 7. Handling and storage

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### Precautions for safe handling

**Usage precautions** Good personal hygiene procedures should be implemented.

### Conditions for safe storage, including any incompatibilities

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

### Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

## 8. Exposure controls/Personal protection

### Control parameters

#### Occupational exposure limits

##### **SODIUM CHLORIDE**

Long-term exposure limit (8-hour TWA): ACGIH  
Short-term exposure limit (15-minute): ACGIH 2 mg/m<sup>3</sup>

##### **SODIUM METABISULPHITE**

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>  
A4

##### **ADIPIC ACID**

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

##### **AMMONIUM MOLYBDATE**

Long-term exposure limit (8-hour TWA): ACGIH 0,5 mg/m<sup>3</sup>  
Short-term exposure limit (15-minute): ACGIH

##### **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** OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit. ACGIH = US Standard.

### 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.

#### **Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber.

#### **Hygiene measures**

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

#### **Respiratory protection**

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

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### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Solid
<b>Colour</b>	White.
<b>Odour</b>	Odourless.
<b>Solubility(ies)</b>	Soluble in water.
<b>Other information</b>	Not known.

### 10. Stability and reactivity

<b>Reactivity</b>	Generates toxic gas in contact with acid.
<b>Stability</b>	Stable under the prescribed storage conditions.
<b>Possibility of hazardous reactions</b>	Generates toxic gas in contact with acid.
<b>Conditions to avoid</b>	Avoid contact with acids.
<b>Materials to avoid</b>	Avoid contact with acids.
<b>Hazardous decomposition products</b>	No data available.

### 11. Toxicological information

#### Information on toxicological effects

<b>Toxicological effects</b>	No data available.
<b><u>Acute toxicity - oral</u></b>	
<b>ATE oral (mg/kg)</b>	5,049.48495253

### 12. Ecological information

<b>Ecotoxicity</b>	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.
<b>Toxicity</b>	No data available.
<b><u>Persistence and degradability</u></b>	
<b>Persistence and degradability</b>	There are no data on the degradability of this product.
<b><u>Bioaccumulative potential</u></b>	
<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
<b><u>Mobility in soil</u></b>	
<b>Mobility</b>	The product is soluble in water.
<b><u>Other adverse effects</u></b>	
<b>Other adverse effects</b>	None known.

### 13. Disposal considerations

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### 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, TDG).

#### UN number

**UN No. (International)** Not applicable.

#### UN proper shipping name

**Proper shipping name (International)** Not applicable.

#### Transport hazard class(es)

**Transport Labels (International)** No transport warning sign required.

#### Packing group

**Packing group (International)** Not applicable.

#### Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
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

#### Inventories

##### **Canada – DSL/NDSL**

*SODIUM CHLORIDE*

*SODIUM METABISULPHITE*

*ADIPIC ACID*

*BORIC ACID*

##### **US - TSCA**

*SODIUM CHLORIDE*

*SODIUM METABISULPHITE*

*ADIPIC ACID*

*BORIC ACID*

##### **US – TSCA 12(b) Export Notification**

None of the ingredients are listed.

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### 16. Other information

<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Issued by</b>	L. Morgan
<b>Revision date</b>	2018-12-10
<b>Revision</b>	13
<b>Supersedes date</b>	2018-04-17
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H360FD May damage fertility if swallowed. May damage the unborn child if swallowed.

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