

# Palintest

Water Analysis Technologies

## SAFETY DATA SHEET PHOSPHATE LR No. 1 TABLETS

According to Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, February 2016

### SECTION 1: Identification: Product identifier and chemical identity

#### Product identifier

**Product name** PHOSPHATE LR No. 1 TABLETS

**Product No.** SPH7010E, AK177, SPH7010US, AP177, CM177, CR177, PM177, CKH1177, WAG-WE10160, WAG-WE10356, SPH7010AUST, SPH7010HO

#### Relevant identified uses of the substance or mixture and uses advised against

**Application** Testing water

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

**Supplier** PALINTEST AUSTRALIA & ASIA/PACIFIC  
1/53 LORRAINE STREET  
PEAKHURST  
NSW 2210  
AUSTRALIA  
TEL + 61 1300 13 15 16  
FAX + 61 1300 13 19 86  
palintest@palintest.com.au

#### Emergency telephone number

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

**National emergency telephone number** Australian Poisons Information Centre (PIC) TEL 13 11 26

### SECTION 2: Hazard(s) identification

#### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335

**Environmental hazards** Not Classified

#### Label elements

##### Hazard pictograms



**Signal word** DANGER

**Hazard statements** H314 Causes severe skin burns and eye damage.  
H335 May cause respiratory irritation.

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**Precautionary statements**

P264 Wash contaminated skin thoroughly after handling.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
 Rinse skin with water/ shower.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

**Contains** POTASSIUM HYDROGENSULPHATE

### Other hazards

This product does not contain any substances classified as PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative).

### SECTION 3: Composition and information on ingredients

#### Mixtures

<b>POTASSIUM HYDROGENSULFATE</b>	<b>60-80%</b>
CAS number: 7646-93-7	

#### **Classification**

Skin Corr. 1B - H314  
 Eye Dam. 1 - H318  
 STOT SE 3 - H335

<b>ADIPIC ACID</b>	<b>15-20%</b>
CAS number: 124-04-9	

#### **Classification**

Eye Irrit. 2A - H319

<b>BORIC ACID</b>	<b>&lt;5.5%</b>
CAS number: 10043-35-3	

#### **Classification**

Repr. 1B - H360FD

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

**Composition comments** This product contains a substance that is a SVHC (Substance of very high concern).

### SECTION 4: First aid measures

#### Description of first aid measures

**Inhalation** Unlikely route of exposure as the product does not contain volatile substances.

**Ingestion** Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Get medical attention.

**Skin Contact** Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

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**Eye contact** 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

**Inhalation** This is unlikely to occur but symptoms similar to those of ingestion may develop.

**Ingestion** May cause chemical burns in mouth and throat. May cause stomach pain or vomiting.

**Skin contact** Burns can occur.

**Eye contact** May cause blurred vision and serious eye damage.

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

**Notes for the doctor** Treat symptomatically.

## SECTION 5: Firefighting 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.

**Hazchem Code** 2X

## SECTION 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** Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Stop leak if possible without risk. DO NOT touch spilled material! Absorb in vermiculite, dry sand or earth and place into containers.

### Reference to other sections

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

## SECTION 7: Handling and storage, including how the chemical may be safely used

### 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)

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

### SECTION 8: Exposure controls and personal protection

**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** It is recommended that chemical-resistant, impervious gloves are worn. Wear protective gloves 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.

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

**Appearance** Solid

**Colour** White.

**Odour** Odourless.

**Solubility(ies)** Soluble in water.

**Other information** No data available.

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

### SECTION 11: Toxicological information

#### Information on toxicological effects

**Toxicological effects** May damage fertility or the unborn child if swallowed.

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<b>Other health effects</b>	Causes severe skin burns and eye damage. May cause respiratory irritation.
<b><u>Acute toxicity - oral</u></b>	
<b>Summary</b>	May damage fertility or the unborn child if swallowed.
<b><u>Acute toxicity - dermal</u></b>	
<b>Summary</b>	Causes severe skin burns and eye damage.
<b><u>Acute toxicity - inhalation</u></b>	
<b>Summary</b>	May cause respiratory irritation.
<b><u>Skin corrosion/irritation</u></b>	
<b>Summary</b>	Causes severe skin burns and eye damage.
<b><u>Serious eye damage/irritation</u></b>	
<b>Summary</b>	Causes severe skin burns and eye damage.
<b><u>Reproductive toxicity</u></b>	
<b>Summary</b>	May damage fertility or the unborn child if swallowed.
<b>Inhalation</b>	May cause respiratory irritation.
<b>Ingestion</b>	May damage fertility or the unborn child if swallowed.
<b>Skin Contact</b>	Causes severe skin burns and eye damage.
<b>Eye contact</b>	Causes severe skin burns and eye damage.

### SECTION 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>	No data available.

### SECTION 13: Disposal considerations

#### **Waste treatment methods**

<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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### SECTION 14: Transport information

<b>Road transport notes</b>	The product is not classified as packaged as per ADR section 3.5.1.4
<b>Sea transport notes</b>	The product is not classified as packaged as per IMDG section 3.5.1.4

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**Air transport notes** The product is not subject to the requirements of IATA as packaged based upon "De Minimis Quantities" as per IATA Dangerous Goods Regulations subsection 2.6.10.1

### UN number

UN No. (ADG)	2509
UN No. (IMDG)	2509
UN No. (ICAO)	2509

### UN proper shipping name

<b>Proper shipping name (ADG)</b>	POTASSIUM HYDROGEN SULPHATE
<b>Proper shipping name (IMDG)</b>	POTASSIUM HYDROGEN SULPHATE
<b>Proper shipping name (ICAO)</b>	POTASSIUM HYDROGEN SULPHATE

### Transport hazard class(es)

ADG class	8
ADG label	8
IMDG class	8
ICAO class/division	8

### Transport labels



### Packing group

ADG packing group	II
IMDG packing group	II
ICAO packing group	II

### Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

### Special precautions for user

EmS	F-A, S-B
Hazchem Code	2X

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

### SECTION 15: Regulatory information

### SECTION 16: Any other relevant information

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

**Issued by** L. Morgan

## PHOSPHATE LR No. 1 TABLETS

<b>Revision date</b>	22/12/2020
<b>Revision</b>	16
<b>Supersedes date</b>	18/05/2020
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	H314 Causes severe skin burns and eye damage. 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.

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.