

# Palintest

Water Analysis Technologies

## SAFETY DATA SHEET PHOSPHATE LR No. 2 TABLETS

According to Regulation (EC) No 1907/2006, Annex II, as amended.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name	PHOSPHATE LR No. 2 TABLETS
Product number	SPH7010E, AK177, SPH7010US, AP177, CM177, CR177, PM177, CKH1177, WAG-WE10160, WAG-WE10356, SPH7010AUST, SPH7010HO
UFI	UFI: MA80-Y0KQ-C00M-JENA

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

Identified uses	Testing water
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	PALINTEST LIMITED PALINTEST HOUSE TEAM VALLEY GATESHEAD TYNE & WEAR NE11 0NS ENGLAND TEL 0191 491 0808 FAX 0191 482 5372 palintest@palintest.com
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#### 1.4. Emergency telephone number

Emergency telephone	+44 (0)207 858 1228 (24hr)
National emergency telephone number	NHS Direct: 0845 4647 (England and Wales) NHS 24: 08454 24 24 24 (Scotland)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Eye Dam. 1 - H318
Environmental hazards	Not Classified

#### 2.2. 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

### 2.3. Other hazards

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

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>SODIUM CHLORIDE</b>		<b>60-80%</b>
CAS number: 7647-14-5	EC number: 231-598-3	REACH registration number: 01-2119485491-33-XXXX
<b>Classification</b> Not Classified		
<b>SODIUM METABISULFITE</b>		<b>10-20%</b>
CAS number: 7681-57-4	EC number: 231-673-0	REACH registration number: 01-2119531326-45-XXXX
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318		
<b>ADIPIC ACID</b>		<b>10-20%</b>
CAS number: 124-04-9	EC number: 204-673-3	REACH registration number: 01-2119457561-38-XXXX
<b>Classification</b> Eye Irrit. 2 - H319		
<b>AMMONIUM MOLYBDATE</b>		<b>5-10%</b>
CAS number: 12054-85-2	EC number: 234-320-9	REACH registration number: N/A
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335		

## PHOSPHATE LR No. 2 TABLETS

<b>BORIC ACID</b>		<b>3-5%</b>
CAS number: 10043-35-3	EC number: 233-139-2	REACH registration number: 01-2119486683-25-XXXX
Substance of very high concern (SVHC). This product is/contains a substance that is included in REGULATION (EC) No 1907/2006 (REACH) ANNEX XVII - RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES.		
<b>Classification</b>		
Repr. 1B - H360FD		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**Composition comments**      This product contains a substance that is a SVHC.

### SECTION 4: First aid measures

#### 4.1. 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.

#### 4.2. 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.

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

**Notes for the doctor**      Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media**    Use fire-extinguishing media suitable for the surrounding fire.

#### 5.2. Special hazards arising from the substance or mixture

**Hazardous combustion products**    Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### 5.3. Advice for firefighters

**Protective actions during firefighting**    No specific firefighting precautions known.

### SECTION 6: Accidental release measures

## PHOSPHATE LR No. 2 TABLETS

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. 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.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** No specific clean-up procedure recommended.

### 6.4. 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

### 7.1. Precautions for safe handling

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

### 7.2. 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.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### **SODIUM CHLORIDE**

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

##### **SODIUM METABISULFITE**

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

##### **AMMONIUM MOLYBDATE**

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

Short-term exposure limit (15-minute): WEL 10 mg/m<sup>3</sup>

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WEL = Workplace Exposure Limit.

#### **Ingredient comments**

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

### 8.2. 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.

## PHOSPHATE LR No. 2 TABLETS

<b>Hand protection</b>	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.
<b>Hygiene measures</b>	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
<b>Respiratory protection</b>	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

### SECTION 9: Physical and chemical properties

#### 9.1. 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.

#### 9.2. Other information

<b>Other information</b>	Not known.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	Generates toxic gas in contact with acid.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable under the prescribed storage conditions.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Generates toxic gas in contact with acid.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid contact with acids.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Avoid contact with acids.
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#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	No data available.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	May be harmful if swallowed. May damage fertility if swallowed. May damage the unborn child if swallowed. May cause respiratory irritation.
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<b>Other health effects</b>	Causes serious eye damage. May cause skin irritation.
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#### Acute toxicity - oral

<b>Summary</b>	May be harmful if swallowed. May damage fertility if swallowed. May damage the unborn child if swallowed.
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<b>ATE oral (mg/kg)</b>	5,049.48495253
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## PHOSPHATE LR No. 2 TABLETS

### Acute toxicity - dermal

**Summary** May cause skin irritation.

### Acute toxicity - inhalation

**Summary** May cause respiratory irritation.

### Skin corrosion/irritation

**Summary** May cause skin irritation.

### Serious eye damage/irritation

**Summary** Causes serious eye damage.

**Inhalation** May cause respiratory irritation.

**Ingestion** May damage fertility if swallowed. May damage the unborn child if swallowed.

**Skin contact** May cause skin irritation.

**Eye contact** Causes serious eye damage.

## SECTION 12: Ecological information

**Ecotoxicity** 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.

### 12.1. Toxicity

**Toxicity** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### 12.5. 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.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

## PHOSPHATE LR No. 2 TABLETS

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2. Chemical safety assessment

No data available.

## SECTION 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>	22/12/2020
<b>Revision</b>	15
<b>Supersedes date</b>	18/05/2020
<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.

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.