

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
-----------------	---------------

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
----------	--

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

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

PHOSPHATE LR No. 2 TABLETS

BORIC ACID		3-5%
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.		
Classification		
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

Inhalation	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.
Ingestion	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.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
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.

4.2. 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	Chemical burns.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	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/m³

SODIUM METABISULFITE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³

AMMONIUM MOLYBDATE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³

Short-term exposure limit (15-minute): WEL 10 mg/m³

as Mo

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

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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	White.
Odour	Odourless.
Solubility(ies)	Soluble in water.

9.2. Other information

Other information	Not known.
--------------------------	------------

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Generates toxic gas in contact with acid.
-------------------	---

10.2. Chemical stability

Stability	Stable under the prescribed storage conditions.
------------------	---

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Generates toxic gas in contact with acid.
---	---

10.4. Conditions to avoid

Conditions to avoid	Avoid contact with acids.
----------------------------	---------------------------

10.5. Incompatible materials

Materials to avoid	Avoid contact with acids.
---------------------------	---------------------------

10.6. Hazardous decomposition products

Hazardous decomposition products	No data available.
---	--------------------

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	May be harmful if swallowed. May damage fertility if swallowed. May damage the unborn child if swallowed. May cause respiratory irritation.
------------------------------	---

Other health effects	Causes serious eye damage. May cause skin irritation.
-----------------------------	---

Acute toxicity - oral

Summary	May be harmful if swallowed. May damage fertility if swallowed. May damage the unborn child if swallowed.
----------------	---

ATE oral (mg/kg)	5,049.48495253
-------------------------	----------------

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

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Issued by	L. Morgan
Revision date	22/12/2020
Revision	15
Supersedes date	18/05/2020
SDS status	Approved.
Hazard statements in full	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.