

Palintest

Water Analysis Technologies

SAFETY DATA SHEET PHOSPHATE LR No. 2 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. 2 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 Eye Dam. 1 - H318
Environmental hazards Not Classified

Label elements

Hazard pictograms



Signal word DANGER

Hazard statements H318 Causes serious eye damage.

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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 or doctor/ physician.

Contains SODIUM METABISULPHITE

Other hazards

This substance is not classified as PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative).

SECTION 3: Composition and information on ingredients

Mixtures

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

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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	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.

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.

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

Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

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 No specific clean-up procedure recommended.

Reference to other sections

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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)

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

SECTION 8: Exposure controls and personal protection

Control parameters

Occupational exposure limits

SODIUM METABISULFITE

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

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.

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 Not known.

SECTION 10: Stability and reactivity

Reactivity Generates toxic gas in contact with acid.

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

SECTION 11: Toxicological information

Information on toxicological effects

Toxicological effects	May be harmful if swallowed. May damage fertility or the unborn child if swallowed. May cause respiratory irritation.
Other health effects	Causes serious eye damage. May cause skin irritation.
<u>Acute toxicity - oral</u>	
Summary	May be harmful if swallowed. May damage fertility or the unborn child if swallowed.
ATE oral (mg/kg)	5,049.48495253
<u>Acute toxicity - dermal</u>	
Summary	May cause skin irritation.
<u>Acute toxicity - inhalation</u>	
Summary	May cause respiratory irritation.
<u>Skin corrosion/irritation</u>	
Summary	May cause skin irritation.
<u>Serious eye damage/irritation</u>	
Summary	Causes serious eye damage.
Inhalation	May cause respiratory irritation.
Ingestion	May damage fertility or 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.
Toxicity	No data available.
<u>Persistence and degradability</u>	
Persistence and degradability	There are no data on the degradability of this product.
<u>Bioaccumulative potential</u>	
Bioaccumulative Potential	No data available on bioaccumulation.

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Mobility in soil

Mobility The product is soluble in water.

Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

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, ADG).

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/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.

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

Revision date 22/12/2020

Revision 15

Supersedes date 18/05/2020

SDS status Approved.

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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.