

Palintest

Water Analysis Technologies

SAFETY DATA SHEET PHOSPHATE LR No. 2 TABLETS

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

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

Recommended use of the chemical and restrictions on use

Application 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(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 symbols



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/ 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

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. 2 - H319 STOT SE 3 - H335	

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BORIC ACID
3-5%

CAS number: 10043-35-3

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 hazard statements is displayed in Section 16.

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 immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
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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 vapors.
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Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
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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.
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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 Wear protective clothing as described in Section 8 of this safety data sheet.

7. Handling and storage

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, fertilizers and other sensitive material.

Specific end uses(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/m³

SODIUM METABISULFITE

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m³
A4

ADIPIC ACID

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

AMMONIUM MOLYBDATE

Long-term exposure limit (8-hour TWA): ACGIH 0,5 mg/m³
Short-term exposure limit (15-minute): ACGIH

BORIC ACID

Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³
Short-term exposure limit (15-minute): ACGIH 6 mg/m³
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



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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.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Solid
Color	White.
Odor	Odorless.
Solubility(ies)	Soluble in water.
Other information	Not known.

10. Stability and reactivity

Reactivity	Generates toxic gas in contact with acid.
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.

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.

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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 or the unborn child if swallowed.

Skin Contact May cause skin irritation.

Eye contact Causes serious eye damage.

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.

Persistence and degradability

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

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Mobility in soil

Mobility The product is soluble in water.

Other adverse effects

Other adverse effects None known.

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.

14. Transport information

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

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

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Packing group (International) Not applicable.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Not applicable.

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

15. Regulatory information

US Federal Regulations

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

ADIPIC ACID

Final CERCLA RQ: 5000(2270) pounds (Kilograms)

SODIUM CHLORIDE

1,000 lbs (454 Kg)

SARA 313 Emission Reporting

None of the ingredients are listed.

CAA Accidental Release Prevention

None of the ingredients are listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed.

Massachusetts "Right To Know" List

ADIPIC ACID

SODIUM CHLORIDE

SODIUM METABISULFITE

Rhode Island "Right To Know" List

ADIPIC ACID

SODIUM CHLORIDE

SODIUM METABISULFITE

Minnesota "Right To Know" List

ADIPIC ACID

AMMONIUM MOLYBDATE

SODIUM CHLORIDE

SODIUM METABISULFITE

New Jersey "Right To Know" List

PHOSPHATE LR No. 2 TABLETS*ADIPIC ACID**SODIUM CHLORIDE**SODIUM METABISULFITE***Pennsylvania "Right To Know" List***ADIPIC ACID**SODIUM CHLORIDE**SODIUM METABISULFITE***Inventories****Canada - DSL/NDSL***ADIPIC ACID**SODIUM CHLORIDE**SODIUM METABISULFITE**BORIC ACID***US - TSCA***ADIPIC ACID**SODIUM CHLORIDE**SODIUM METABISULFITE**BORIC ACID***US - TSCA 12(b) Export Notification**

None of the ingredients are listed or exempt.

16. Other information

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Issued by	L. Morgan
Revision date	12/22/2020
Revision	15
Supersedes date	5/18/2020
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.