

MATERIAL SAFETY DATA SHEET PHOSPHATE LR No. 1 TABLETS

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	PHOSPHATE LR No. 1 TABLETS
PRODUCT NO.	AK 177, AP 177, CM 177, CR 177, PM 177, WAG-WE10160, WAG-WE10356, WAG-WE15177
APPLICATION	TESTING WATER
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
PROPER SHIPPING NAME	POTASSIUM HYDROGEN SULPHATE

2 HAZARDS IDENTIFICATION

RISK PHRASES

R34	Causes burns.
R37	Irritating to respiratory system.

SAFETY PHRASES

S24/25	Avoid contact with skin and eyes.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S60	This material and its container must be disposed of as hazardous waste.

Not Classified as PBT/vPvB by current EU criteria.

HUMAN HEALTH

See section 11 for additional information on health hazards.

DG CLASS

Class 8: Corrosive substances.

PACKING GROUP	II
UN NO.	2509
HAZCHEM CODE	2X

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548)
POTASSIUM HYDROGENSULPHATE	231-594-1	7646-93-7	60-70%	C;R34 Xi;R37
ADIPIC ACID	204-673-3	124-04-9	15-20%	Xi;R36

The Full Text for all R-Phrases is Displayed in Section 16

COMPOSITION COMMENTS

WHEN DISSOLVED IN WATER THE TABLETS PRODUCE A SOLUTION WHOSE pH IS OUTSIDE OF THE RANGE QUOTED FOR 'EXTREME pH' (CLP 3.2.3.3.4.2).

4 FIRST-AID MEASURES

NOTES TO THE PHYSICIAN

Treat Symptomatically.

INHALATION

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

PHOSPHATE LR No. 1 TABLETS**INGESTION**

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions. Never give liquid to an unconscious person.

SKIN CONTACT

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

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring along these instructions.

5 FIRE-FIGHTING MEASURES**EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

HAZCHEM CODE 2X

6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

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

ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Stop leak if possible without risk. DO NOT touch spilled material! Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Observe good chemical hygiene practices.

STORAGE PRECAUTIONS

Keep in original container. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in a cool place. Store in a dry place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

Protective gloves are recommended.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOUR	White.
ODOUR	Odourless.
SOLUBILITY	Soluble in water.

PHOSPHATE LR No. 1 TABLETS**10 STABILITY AND REACTIVITY**

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

There are no known conditions that are likely to result in a hazardous situation.

MATERIALS TO AVOID

No specific, or groups of materials are likely to react to produce a hazardous situation.

HAZARDOUS DECOMPOSITION PRODUCTS

When heated, toxic and corrosive vapours/gases may be formed.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

No information available.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

MOBILITY

The product is soluble in water.

BIOACCUMULATION

No data available on bioaccumulation.

DEGRADABILITY

There are no data on the degradability of this product.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME	POTASSIUM HYDROGEN SULPHATE
ROAD TRANSPORT NOTES	THE PRODUCT IS NOT CLASSIFIED AS PACKAGED AS PER ADR 2013 SECTION 3.5.1.4
SEA TRANSPORT NOTES	THE PRODUCT IS NOT CLASSIFIED AS PACKAGED AS PER IMDG 2012 SECTION 3.5.1.4
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 (54th EDITION) SUBSECTION 2.6.10.1
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.
UN NO.	2509
ADG CLASS NO.	8
DG CLASS	Class 8: Corrosive substances.
PACKING GROUP	II
ADG LABEL NO.	8
HAZCHEM CODE	2X
UN NO. SEA	2509
IMDG CLASS	8

PHOSPHATE LR No. 1 TABLETS

IMDG PACK GR.	II
EMS	F-A, S-B
UN NO. AIR	2509
ICAO CLASS	8
AIR PACK GR.	II

15 REGULATORY INFORMATION

LABELLING



Corrosive

CONTAINS POTASSIUM HYDROGENSULPHATE

RISK PHRASES

R34	Causes burns.
R37	Irritating to respiratory system.

SAFETY PHRASES

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S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S60	This material and its container must be disposed of as hazardous waste.

16 OTHER INFORMATION

ISSUED BY

L. Morgan

REVISION DATE 28/08/2013

REV. NO./REPL. SDS GENERATED 6

SAFETY DATA SHEET STATUS

Approved.

RISK PHRASES IN FULL

R34	Causes burns.
R36	Irritating to eyes.
R37	Irritating to respiratory system.

**Rainbow Pool Products**

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