



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.	X-177
PRODUCT USE	TESTING WATER
SUPPLIER	PALINTEST USA 21 KENTON LANDS ROAD ERLANGER KENTUCKY 41018 USA TEL 859 341 7423 TOLL FREE 800 835 9629 FAX 859 341 2106 INFO@palintestusa.com
EMERGENCY TELEPHONE	0191 491 0808 (Mon-Fri 08:45 - 16:45)
IDENTIFICATION No.	2509

2 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION

Dust may irritate respiratory system or lungs.

INGESTION

May cause internal injury.

SKIN CONTACT

Causes burns.

EYE CONTACT

Causes burns.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Weight
ADIPIC ACID	204-673-3	124-04-9	10-30%
ASCORBIC ACID	200-066-2	50-81-7	1-5%
BORACIC ACID		10043-35-3	10-30%
POTASSIUM ANTIMONY TARTRATE	234-293-3	28300-74-5	< 1%
POTASSIUM HYDROGENSULPHATE	231-594-1	7646-93-7	60-100%
SODIUM HYDROGEN CARBONATE	205-633-8	144-55-8	1-5%

4 FIRST-AID MEASURES

INHALATION

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

INGESTION

Get medical attention immediately!

SKIN CONTACT

Flush skin thoroughly with water. Get medical attention promptly if symptoms occur after washing.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

PHOSPHATE LR NO 1 TABLETS

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Follow precautions for safe handling described in this safety data sheet.

SPILL CLEAN UP METHODS

No specific clean-up procedure noted. For waste disposal, see section 13.

7 HANDLING AND STORAGE

HANDLING

Read and follow manufacturer's recommendations.

STORAGE

No special storage precautions noted.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
ADIPIIC ACID	ACGIH		5 mg/m ³			
BORACIC ACID	ACGIH		2 mg/m ³		6 mg/m ³	A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4: Not Classifiable as a Human Carcinogen.

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 should be used if there is a risk of direct contact or splash.

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. Wash promptly if skin becomes contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOR	White
ODOR	Odorless
SOLUBILITY	Soluble in water.

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

11 TOXICOLOGICAL INFORMATION

12 ECOLOGICAL INFORMATION

ECOTOXICITY

There are no data on the ecotoxicity of this product. The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION

PHOSPHATE LR NO 1 TABLETS



DOT PROPER SHIPPING NAME	POTASSIUM HYDROGEN SULPHATE		
DOT PROPER SHIPPING NAME	POTASSIUM HYDROGEN SULPHATE		
IDENTIFICATION No.	2509	TUNNEL RESTRICTION CODE	(E)
CEFIC TEC(R) NO.	80GC2-II+III	UN NO. SEA	2509
IMDG CLASS	8	IMDG PACK GR.	II
EMS	F-A, S-B	UN NO. AIR	2509
ICAO CLASS	8	AIR PACK GR.	II

15 REGULATORY INFORMATION

INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
ADIPIC ACID	DSL	Yes.						
POTASSIUM HYDROGENSULPHATE	DSL	Yes.						
SODIUM HYDROGEN CARBONATE	DSL	Yes.						
BORACIC ACID	No.	No.		Yes.				
ASCORBIC ACID	DSL	Yes.						
POTASSIUM ANTIMONY TARTRATE	DSL	No.						

COMPONENT	TSCA 12(b) Export Notification
ADIPIC ACID	No.
POTASSIUM HYDROGENSULPHATE	No.
SODIUM HYDROGEN CARBONATE	No.
BORACIC ACID	No.
ASCORBIC ACID	No.
POTASSIUM ANTIMONY TARTRATE	No.

US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
ADIPIC ACID		5 000 lbs	No.
POTASSIUM HYDROGENSULPHATE		Not Listed	No.
SODIUM HYDROGEN CARBONATE		Not Listed	No.
BORACIC ACID		Not Listed	No.
ASCORBIC ACID		Not Listed	No.
POTASSIUM ANTIMONY TARTRATE		100 lbs	No.

PHOSPHATE LR NO 1 TABLETS

CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
ADIPIC ACID	Not Listed
POTASSIUM HYDROGENSULPHATE	Not Listed
SODIUM HYDROGEN CARBONATE	Not Listed
BORACIC ACID	Not Listed
ASCORBIC ACID	Not Listed
POTASSIUM ANTIMONY TARTRATE	Not Listed

US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
ADIPIC ACID	124-04-9	Not Listed	Not Listed	Yes.	Yes.	Yes.	Yes.	Yes.
POTASSIUM HYDROGENSULPHATE	7646-93-7	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
SODIUM HYDROGEN CARBONATE	144-55-8	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
BORACIC ACID	10043-35-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
ASCORBIC ACID	50-81-7	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
POTASSIUM ANTIMONY TARTRATE	28300-74-5	Not Listed	Not Listed	Yes.	Not Listed	Yes.	Yes.	Not Listed

16 OTHER INFORMATION

VERSION No. 1
 SAFETY DATA SHEET STATUS
 Approved.
 DATE 5 Jan 2010
 SIGNATURE D Ellis

DISCLAIMER

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.