



YSI sells this product under agreement with the original manufacturer. YSI assumes no legal liability or responsibility for the accuracy, completeness or usefulness of any information set forth in this MSDS

YSI YAP177\_YPM177  
Phosphate LR No 1  
A96049  
05/11/11

## 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  
X-177

APPLICATION TESTING WATER

SUPPLIER PALINTEST LIMITED  
PALINTEST HOUSE  
TEAM VALLEY  
GATESHEAD  
TYNE & WEAR NE11 0NS  
ENGLAND  
TEL 0191 491 0808  
FAX 0191 482 5372  
palintest@palintest.com

EMERGENCY TELEPHONE 0191 491 0808 (Mon-Fri 08:45 - 16:45)

### 2 HAZARDS IDENTIFICATION

Irritating to respiratory system. Causes burns.

CLASSIFICATION C;R34. Xi;R37.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ADIPIC ACID	204-673-3	124-04-9	10-30%	Xi;R36
POTASSIUM ANTIMONY TARTRATE	234-293-3	28300-74-5	< 1%	Xn;R20/22. N;R51/53.
POTASSIUM HYDROGENSULPHATE	231-594-1	7646-93-7	60-100%	C;R34 Xi;R37
SODIUM HYDROGEN CARBONATE	205-633-8	144-55-8	1-5%	Xi;R36.

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

### 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.

### 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



# PHOSPHATE LR NO 1 TABLETS

## USAGE PRECAUTIONS

Read and follow manufacturer's recommendations.

## STORAGE PRECAUTIONS

No special storage precautions noted.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 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
COLOUR	White
ODOUR	Odourless
SOLUBILITY	Soluble in water.

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

Dust may irritate respiratory system or lungs.

### INGESTION

May cause internal injury.

### SKIN CONTACT

Causes burns.

### EYE CONTACT

Causes burns.

## 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

UK ROAD CLASS	8		
PROPER SHIPPING NAME	POTASSIUM HYDROGEN SULPHATE		
UN NO. ROAD	2509	UK ROAD PACK GR.	II
ADR CLASS NO.	8	ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	II	TUNNEL RESTRICTION CODE	(E)
HAZARD No. (ADR)	80	ADR LABEL NO.	8
HAZCHEM CODE	2X	CEFIC TEC(R) NO.	80GC2-II+III
RID CLASS NO.	8	RID PACK GROUP	II
UN NO. SEA	2509	IMDG CLASS	8
IMDG PACK GR.	II	EMS	F-A, S-B
UN NO. AIR	2509	AIR CLASS	8
AIR PACK GR.	II		

## 15 REGULATORY INFORMATION

### LABELLING



Corrosive

### CONTAINS

ADIPIC ACID  
POTASSIUM ANTIMONY TARTRATE  
POTASSIUM HYDROGENSULPHATE  
SODIUM HYDROGEN CARBONATE

### 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).  
S56 Dispose of this material and its container to hazardous or special waste collection point.

## 16 OTHER INFORMATION

REV. NO./REPL. SDS GENERATED Version 1

### SAFETY DATA SHEET STATUS

Approved.

DATE 5 Jan 2010

SIGNATURE D Ellis

### RISK PHRASES IN FULL

R20/22 Harmful by inhalation and if swallowed.  
R34 Causes burns.  
R36 Irritating to eyes.  
R37 Irritating to respiratory system.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 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.