



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 YAP250-YPM250  
A96094  
3/23/11

## SAFETY DATA SHEET ALKALINITY M

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

PRODUCT NAME ALKALINITY M  
PRODUCT NO. X-071  
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

Causes burns.

CLASSIFICATION C;R34.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
MICROCRYSTALLINE CELLULOSE	232-674-9	9004-34-6	60-100%	-
POTASSIUM HYDROGENSULPHATE	231-594-1	7646-93-7	10-30%	C;R34 Xi;R37
SODIUM HYDROGEN CARBONATE	205-633-8	144-55-8	1-5%	Xi;R36.
SODIUM METABISULPHITE	231-673-0	7681-57-4	< 1%	Xn;R22 Xi;R41 R31

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

### 4 FIRST-AID MEASURES

#### INGESTION

Get medical attention immediately!

#### SKIN CONTACT

Wash the skin immediately 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: Seek medical attention and bring along these instructions.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

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. Risk of contact: Wear protective gloves and goggles/face shield.

#### ENVIRONMENTAL PRECAUTIONS

Not relevant considering the small amounts used.

# ALKALINITY M

## SPILL CLEAN UP METHODS

Avoid generation and spreading of dust. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes.

### STORAGE PRECAUTIONS

Keep in original container. Store in a cool and well-ventilated place.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
MICROCRYSTALLINE CELLULOSE	WEL		4 mg/m3		20 mg/m3	
SODIUM METABISULPHITE	WEL		5 mg/m3			

WEL = Workplace Exposure Limit.

### 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 must 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

Wash promptly if skin becomes wet or contaminated.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOUR	Brown
ODOUR	Odourless

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

No information available.

### INGESTION

May cause discomfort if swallowed. May cause internal injury.

### SKIN CONTACT

Causes burns.

### EYE CONTACT

Causes burns.

### HEALTH WARNINGS

This substance is corrosive. Causes burns.

# ALKALINITY M

## ROUTE OF ENTRY

Skin and/or eye contact. Ingestion.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

There are no data on the ecotoxicity of this product. 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.

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

Waste is classified as hazardous waste.

### DISPOSAL METHODS

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

## 14 TRANSPORT INFORMATION



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

POTASSIUM HYDROGENSULPHATE  
SODIUM HYDROGEN CARBONATE  
SODIUM METABISULPHITE

### RISK PHRASES

R34 Causes burns.

### 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).

## 16 OTHER INFORMATION

REV. NO./REPL. SDS GENERATED

Version 1

# ALKALINITY M

## SAFETY DATA SHEET STATUS

Approved.

DATE 26 April 2010

SIGNATURE D Ellis

## RISK PHRASES IN FULL

- |     |   |
|-----|---|
| NC  | Not classified.                         |
| R22 | Harmful if swallowed.                   |
| R31 | Contact with acids liberates toxic gas. |
| R34 | Causes burns.                           |
| R36 | Irritating to eyes.                     |
| R37 | Irritating to respiratory system.       |
| R41 | Risk of serious damage to eyes.         |

## 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.