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YSI YAP252\_YPM252  
Calcium Hardness  
Calcol 2  
A96053  
4/18/11

## SAFETY DATA SHEET CALCICOL 2

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

PRODUCT NAME                    CALCICOL 2  
  X-253  
APPLICATION                     TESTING WATER  
SUPPLIER                         PALINTEST LIMITED  
  PALINTEST HOUSE  
  TEAM VALLEY  
  GATESHEAD  
  TYNE & WEAR NE11 0NS  
  ENGLAND  
  TEL 0191 491 0808  
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  palintest@palintest.com  
EMERGENCY TELEPHONE         0191 491 0808 (Mon-Fri 08:45 - 16:45)

### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
LITHIUM HYDROXIDE	215-183-4	1310-66-3	1-5%	Xn;R22. C;R34.
SODIUM CHLORIDE	231-598-3	7647-14-5	10-30%	-

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.

#### SKIN CONTACT

Wash skin thoroughly 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 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.

#### ENVIRONMENTAL PRECAUTIONS

Not relevant considering the small amounts used.

#### SPILL CLEAN UP METHODS

No specific clean-up procedure noted.

**7 HANDLING AND STORAGE**

USAGE PRECAUTIONS

Read and follow manufacturer's recommendations.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
SODIUM CHLORIDE	WEL				2 mg/m3	

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT



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

**10 STABILITY AND REACTIVITY**

STABILITY

Stable under normal temperature conditions and recommended use.

**11 TOXICOLOGICAL INFORMATION**

INGESTION

No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT

Skin irritation is not anticipated when used normally.

EYE CONTACT

Particles in the eyes may cause irritation and smarting.

ROUTE OF ENTRY

Skin and/or eye contact. Ingestion.

**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.

**13 DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS

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

**14 TRANSPORT INFORMATION**

## CALCICOL 2

### GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

### TUNNEL RESTRICTION CODE

(E)

## 15 REGULATORY INFORMATION

### RISK PHRASES

NC Not classified.

### SAFETY PHRASES

NC Not classified.

## 16 OTHER INFORMATION

### SAFETY DATA SHEET STATUS

Approved.

### DATE

10 November 2009

### SIGNATURE

D Ellis

### RISK PHRASES IN FULL

NC Not classified.

R22 Harmful if swallowed.

R34 Causes burns.

### 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.