



## SAFETY DATA SHEET PHOS-EX

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

PRODUCT NAME PHOS-EX  
 SUPPLIER Chemaide  
 Gillmans Industrial Estate  
 Billinghamurst  
 West Sussex  
 RH14 9EZ  
 UK  
 T: +44(0)1403 780638  
 (Hours 09:00 - 17:00 Mon to Fri)  
 F: +44(0) 1403 780639  
 sds@chemaide.co.uk

### 2 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

CLASSIFICATION (1999/45) Xi;R36/38.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
2-BUTOXYETHANOL	203-905-0	111-76-2	5-10%	Xn;R20/21/22 Xi;R36/38
ALKYL DIMETHYL BENZYL AMONIUM CHLORIDE	273-544-1	68989-00-4	< 1%	Xn;R21/22. C;R34. N;R50.
PERFUME P981326 - LEMON/LIME			< 1%	Xn;R65. Xi;R38. R43.
PHOSPHORIC ACID 85.5%	231-633-2	7664-38-2	10-30%	C;R34

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

### 4 FIRST-AID MEASURES

#### INHALATION

Get medical attention. In case of inhalation of spray mist: Move person into fresh air and keep at rest.

#### INGESTION

Immediately rinse mouth and provide fresh air. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. DO NOT INDUCE VOMITING! Get medical attention.

#### SKIN CONTACT

Wash the skin immediately with soap and water. Immediately remove contaminated clothing. Get medical attention if any discomfort continues.

#### 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.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

May develop highly toxic or corrosive fumes if heated.

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

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

## PHOS-EX

### ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains.

### SPILL CLEAN UP METHODS

Pick up with vacuum or absorbent solid, store in closed container for disposal.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid contact with skin and eyes. Provide good ventilation.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
2-BUTOXYETHANOL	WEL	25 ppm(Sk)		50 ppm(Sk)		
PHOSPHORIC ACID 85.5%	WEL		1 mg/m3		2 mg/m3	

WEL = Workplace Exposure Limit.

### ENGINEERING MEASURES

Well-ventilated area.

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

### EYE PROTECTION

Wear approved safety goggles.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid	RELATIVE DENSITY	1.01
COLOUR	Yellow	FLASH POINT (°C)	100
ODOUR	Characteristic		
SOLUBILITY	Miscible with water		
BOILING POINT (°C)	100		
pH-VALUE, CONC. SOLUTION	1		

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

### MATERIALS TO AVOID

Acids, oxidising.

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

Not relevant at normal room temperatures. When heated, irritating vapours may be formed.

### INGESTION

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

### SKIN CONTACT

Irritating to skin.

### EYE CONTACT

Irritating to eyes.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

## PHOS-EX

**DEGRADABILITY**

The acidity maybe reduced by natural water hardness. The phosphate produced however will remain indefinitely.

**13 DISPOSAL CONSIDERATIONS**

**GENERAL INFORMATION**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

**14 TRANSPORT INFORMATION**



UK ROAD CLASS	8		
PROPER SHIPPING NAME	PHOSPHORIC ACID, SOLUTION		
UN NO. ROAD	1805	UK ROAD PACK GR.	III
ADR CLASS NO.	8	ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	III	HAZARD No. (ADR)	80
ADR LABEL NO.	8	HAZCHEM CODE	2R
CEFIC TEC(R) NO.	80GC1-II+III, 80GC2-II+III	RID CLASS NO.	8
RID PACK GROUP	III	UN NO. SEA	1805
IMDG CLASS	8	IMDG PACK GR.	III
EMS	F-A, S-B	MFAG	See Guide
MARINE POLLUTANT	No.	UN NO. AIR	1805
AIR CLASS	8	AIR PACK GR.	III

**15 REGULATORY INFORMATION**

**LABELLING**



Irritant

**RISK PHRASES**

R36/38 Irritating to eyes and skin.

**SAFETY PHRASES**

- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37 Wear suitable gloves.
- S60 This material and its container must be disposed of as hazardous waste.
- P14 Contains PERFUME P981326 - LEMON/LIME. May produce an allergic reaction.

**16 OTHER INFORMATION**

REVISION DATE	15/11/2010
REV. NO./REPL. SDS GENERATED	2
SDS NO.	10268

## PHOS-EX

### RISK PHRASES IN FULL

R34	Causes burns.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R21/22	Harmful in contact with skin and if swallowed.
R65	Harmful: may cause lung damage if swallowed.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R50	Very toxic to aquatic organisms.

### 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.