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YSI YAP188-YPM188  
A96077  
3/23/11

## MATERIAL SAFETY DATA SHEET

### ALKAPHOT

#### 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME ALKAPHOT  
PRODUCT NO. X-188  
PRODUCT USE TESTING WATER  
SUPPLIER PALINTEST ASIA/PACIFIC  
1/53 LORRAINE STREET  
PEAKHURST  
NSW 2210  
AUSTRALIA  
TEL (02) 9153 8890  
PRIORITY PHONE NO: 1300 13 15  
16  
FAX (02) 9153 8894  
palintest@palintest.com.au  
EMERGENCY TELEPHONE 0191 491 0808 (Mon-Fri 08:45 - 16:45)

#### 2 HAZARDS IDENTIFICATION

##### HUMAN HEALTH

The hazardous properties of the product are considered limited. May cause minor irritation on skin contact.

##### POTENTIAL HEALTH EFFECTS

##### INGESTION

May cause discomfort if swallowed.

##### 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.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Weight
ADIPIC ACID	204-673-3	124-04-9	10-30%
BROMOCRESOL GREEN	263-657-4	76-60-8	< 1%
LACTOSE		63-42-3	60-100%
LEUCINE		61-90-5	1-5%
POTASSIUM HYDROGENSULPHATE	231-594-1	7646-93-7	< 1%
SODIUM DODECYL SULPHATE		151-21-3	1-5%
SODIUM HYDROGEN CARBONATE	205-633-8	144-55-8	< 1%

#### 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 with soap and water. Get medical attention promptly if symptoms occur after washing.

# ALKAPHOT

## 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. Take 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.

### ENVIRONMENTAL PRECAUTIONS

Not relevant considering the small amounts used.

### SPILL CLEAN UP METHODS

No specific clean-up procedure noted. Non-hazardous substance.

## 7 HANDLING AND STORAGE

### HANDLING

Read and follow manufacturer's recommendations.

### STORAGE

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

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
ADIPIC ACID	ACGIH		5 mg/m3			

ACGIH = American Conference of Governmental Industrial Hygienists.

### PROTECTIVE EQUIPMENT



### HAND PROTECTION

No specific hand protection noted, but gloves may still be advisable.

### 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.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOR	Beige.
ODOR	Odorless
SOLUBILITY	Soluble in water

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

No information available.

## 12 ECOLOGICAL INFORMATION

## ALKAPHOT

### 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

#### DISPOSAL METHODS

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

### 14 TRANSPORT INFORMATION

#### TRANSPORT NOTES

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

### 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						
LACTOSE	DSL	Yes						
LEUCINE	DSL	Yes						
BROMOCRESOL GREEN	DSL	Yes						
SODIUM DODECYL SULPHATE	DSL	Yes						

COMPONENT	TSCA 12(b) Export Notification
ADIPIC ACID	No
POTASSIUM HYDROGENSULPHATE	No
SODIUM HYDROGEN CARBONATE	No
LACTOSE	No
LEUCINE	No
BROMOCRESOL GREEN	No
SODIUM DODECYL SULPHATE	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
LACTOSE		Not Listed	No
LEUCINE		Not Listed	No
BROMOCRESOL GREEN		Not Listed	No
SODIUM DODECYL SULPHATE		Not Listed	No

# ALKAPHOT

## CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
ADIPIC ACID	Not Listed
POTASSIUM HYDROGENSULPHATE	Not Listed
SODIUM HYDROGEN CARBONATE	Not Listed
LACTOSE	Not Listed
LEUCINE	Not Listed
BROMOCRESOL GREEN	Not Listed
SODIUM DODECYL SULPHATE	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
LACTOSE	63-42-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
LEUCINE	61-90-5	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
BROMOCRESOL GREEN	76-60-8	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
SODIUM DODECYL SULPHATE	151-21-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

## 16 OTHER INFORMATION

VERSION No. 1

SAFETY DATA SHEET STATUS

Approved.

DATE 2 December 2009

SIGNATURE D Ellis

## DISCLAIMER

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