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YSI YAP148\_YPM148  
Zinc EDTA  
A96063  
05/11/11

## MATERIAL SAFETY DATA SHEET

### EDTA TABLETS

#### 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME EDTA TABLETS  
X-090

PRODUCT USE TESTING WATER

SUPPLIER PALINTEST USA  
21 KENTON LANDS ROAD  
ERLANGER  
KENTUCKY  
41018  
USA  
TEL 859 341 7423  
TOLL FREE 800 835 9629  
FAX 859 341 2106  
INFO@palintestusa.com

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

#### 2 HAZARDS IDENTIFICATION

##### POTENTIAL HEALTH EFFECTS

###### INHALATION

No specific health warnings noted.

###### 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.

###### HEALTH WARNINGS

Because of quantity and composition, the health hazard is small.

###### ROUTE OF ENTRY

Ingestion. Skin and/or eye contact.

###### TARGET ORGANS

No specific target organs noted.

###### MEDICAL SYMPTOMS

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Weight
BORACIC ACID		10043-35-3	5-10%
ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT		6381-92-6	1-5%
POTASSIUM CHLORIDE		7447-40-7	60-100%

#### 4 FIRST-AID MEASURES

###### INHALATION

Unlikely route of exposure as the product does not contain volatile substances.

###### INGESTION

Get medical attention.

###### SKIN CONTACT

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

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### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

### SPECIFIC HAZARDS

No specific precautions due to the small quantities handled.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Avoid contact with eyes and prolonged skin contact.

### 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

No specific usage precautions noted. Read and follow manufacturer's recommendations.

### STORAGE

Keep in original container. Keep away from food, drink and animal feeding stuffs. Store in a cool place. Store in a dry place.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
BORACIC ACID	ACGIH		2 mg/m3		6 mg/m3	A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classified as a Human Carcinogen

### ENGINEERING MEASURES

No particular ventilation requirements.

### RESPIRATORY EQUIPMENT

No specific recommendations.

### 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

Wash promptly if skin becomes contaminated. Wash hands after handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOR	White
ODOR	Odorless
SOLUBILITY	Soluble in water

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

## 11 TOXICOLOGICAL INFORMATION

## 12 ECOLOGICAL INFORMATION

## EDTA TABLETS

### ECOTOXICITY

Not regarded as dangerous for 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).

#### ROAD TRANSPORT NOTES

Not Classified

#### RAIL TRANSPORT NOTES

Not Classified.

#### SEA TRANSPORT NOTES

Not Classified.

#### AIR TRANSPORT NOTES

Not Classified.

### 15 REGULATORY INFORMATION

#### INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
POTASSIUM CHLORIDE	DSL	Yes						
ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT	DSL	No						
BORACIC ACID	No	No		Yes				

COMPONENT	TSCA 12(b) Export Notification
POTASSIUM CHLORIDE	No
ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT	No
BORACIC ACID	No

#### US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
POTASSIUM CHLORIDE		Not Listed	No
ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT		Not Listed	No
BORACIC ACID		Not Listed	No

#### CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
POTASSIUM CHLORIDE	Not Listed
ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT	Not Listed
BORACIC ACID	Not Listed

#### US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
POTASSIUM CHLORIDE	7447-40-7	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT	6381-92-6	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
BORACIC ACID	10043-35-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

### 16 OTHER INFORMATION

VERSION No.

1

## EDTA TABLETS

SAFETY DATA SHEET STATUS

Approved.

DATE

26 November 2009

SIGNATURE

D Ellis

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