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

## MATERIAL SAFETY DATA SHEET

### ZINC TABLETS

#### 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME ZINC TABLETS  
X-148

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

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

###### INGESTION

May cause discomfort if swallowed.

###### SKIN CONTACT

Irritating to skin.

###### EYE CONTACT

Irritating to eyes.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Weight
BORACIC ACID		10043-35-3	5-10%
LITHIUM HYDROXIDE	215-183-4	1310-66-3	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 promptly if symptoms occur after washing.

###### 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.

Get medical attention promptly if symptoms occur after washing.

#### 5 FIRE-FIGHTING MEASURES

###### EXTINGUISHING MEDIA

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

#### 6 ACCIDENTAL RELEASE MEASURES

# ZINC TABLETS

## PERSONAL PRECAUTIONS

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

## SPILL CLEAN UP METHODS

No specific clean-up procedure noted.

## 7 HANDLING AND STORAGE

### HANDLING

Avoid contact with skin and eyes.

### STORAGE

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

## 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

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### PROTECTIVE EQUIPMENT



### HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

### 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	Purple
ODOR	Odorless
SOLUBILITY	Soluble in water.

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

## 11 TOXICOLOGICAL INFORMATION

## 12 ECOLOGICAL INFORMATION

### 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

## ZINC TABLETS

### 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						
LITHIUM HYDROXIDE	No	No						
BORACIC ACID	No	No		Yes				
ZINCON	DSL	Yes						

COMPONENT	TSCA 12(b) Export Notification
POTASSIUM CHLORIDE	No
LITHIUM HYDROXIDE	No
BORACIC ACID	No
ZINCON	No

### US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
POTASSIUM CHLORIDE		Not Listed	No
LITHIUM HYDROXIDE		Not Listed	No
BORACIC ACID		Not Listed	No
ZINCON		Not Listed	No

### CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
POTASSIUM CHLORIDE	Not Listed
LITHIUM HYDROXIDE	Not Listed
BORACIC ACID	Not Listed
ZINCON	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
LITHIUM HYDROXIDE	1310-66-3	Not Listed	Not Listed	Not Listed	Yes	Yes	Not Listed	Not Listed
BORACIC ACID	10043-35-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
ZINCON	135-52-4	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

## 16 OTHER INFORMATION

### SAFETY DATA SHEET STATUS

Approved.

DATE

26 November 2009

## ZINC TABLETS

SIGNATURE

D Ellis

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