



## MATERIAL SAFETY DATA SHEET DPD XF TABLETS

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

PRODUCT NAME	DPD XF TABLETS
PRODUCT NO.	PM 013, PM 033, AT-0131, AP 033, AP 013, AL 200, AL 300
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	+44 (0) 191 491 0808 (MON-FRI 08:45-16:45)

### 2 HAZARDS IDENTIFICATION

Poses little or no immediate hazard.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Weight
POTASSIUM DIHYDROGEN ORTHOPHOSPHATE		7778-77-0	30-60%
SODIUM HYDROGEN CARBONATE	205-633-8	144-55-8	5-10%
ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT		6381-92-6	<5.5 %
N,N-DIETHYL-P-PHENYLENE DIAMINE SULPHATE	228-500-6	6283-63-2	<5.5 %

#### COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

### 4 FIRST-AID MEASURES

#### NOTES TO THE PHYSICIAN

Treat Symptomatically.

#### INHALATION

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

#### INGESTION

Get medical attention immediately!

#### SKIN CONTACT

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

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## 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 these instructions.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

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

### ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment.

### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Wear necessary protective equipment. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

## 7 HANDLING AND STORAGE

### HANDLING

Observe good chemical hygiene practices.

### STORAGE

Keep in original container. Keep separate from food, feedstuffs, fertilizers and other sensitive material. Store in a cool place. Store in a dry place.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
BORIC ACID	ACGIH		2 mg/m <sup>3</sup>		6 mg/m <sup>3</sup>	A4

ACGIH=American Conference of Governmental Industrial Hygienists.

A4: Not Classifiable as a Human Carcinogen.

### INGREDIENT COMMENTS

Due to the hazardous nature of ingredients, exposure should be minimal.

### PROTECTIVE EQUIPMENT



### HAND PROTECTION

Protective gloves are recommended.

### 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.

## DPD XF TABLETS

### 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.

#### CONDITIONS TO AVOID

There are no known conditions that are likely to result in a hazardous situation.

#### MATERIALS TO AVOID

No specific, or groups of materials are likely to react to produce a hazardous situation.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

### 11 TOXICOLOGICAL INFORMATION

#### TOXICOLOGICAL INFORMATION

This material is toxic.

### 12 ECOLOGICAL INFORMATION

#### 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.

#### MOBILITY

The product is soluble in water.

#### BIOACCUMULATION

No data available on bioaccumulation.

#### DEGRADABILITY

There are no data on the degradability of this product.

### 13 DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

### 14 TRANSPORT INFORMATION

#### TRANSPORT NOTES

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

No transport warning sign required.

#### ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT

No.

### 15 REGULATORY INFORMATION

## DPD XF TABLETS

### INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
BORIC ACID	DSL	Yes.						
N,N-DIETHYL-P-PHENYLENE DIAMINE SULPHATE	DSL	Yes.						
ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT	DSL	No.						
POTASSIUM DIHYDROGEN ORTHOPHOSPHATE	No.	No.		Yes.				
SODIUM HYDROGEN CARBONATE	DSL	Yes.						

COMPONENT	TSCA 12(b) Export Notification
BORIC ACID	No.
N,N-DIETHYL-P-PHENYLENE DIAMINE SULPHATE	No.
ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT	No.
POTASSIUM DIHYDROGEN ORTHOPHOSPHATE	No.
SODIUM HYDROGEN CARBONATE	No.

### US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
BORIC ACID		Not Listed	No.
N,N-DIETHYL-P-PHENYLENE DIAMINE SULPHATE		Not Listed	No.
ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT		Not Listed	No.
POTASSIUM DIHYDROGEN ORTHOPHOSPHATE		Not Listed	No.
SODIUM HYDROGEN CARBONATE		Not Listed	No.

### CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
BORIC ACID	Not Listed
N,N-DIETHYL-P-PHENYLENE DIAMINE SULPHATE	Not Listed
ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT	Not Listed
POTASSIUM DIHYDROGEN ORTHOPHOSPHATE	Not Listed
SODIUM HYDROGEN CARBONATE	Not Listed

## DPD XF TABLETS

### US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
BORIC ACID	10043-35-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
N,N-DIETHYL-P-PHENYLENE DIAMINE SULPHATE	6283-63-2	Not Listed	Not Listed	Yes.	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
POTASSIUM DIHYDROGEN ORTHOPHOSPHATE	7778-77-0	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

### 16 OTHER INFORMATION

#### ISSUED BY

L. Morgan

#### MATERIAL SAFETY DATA SHEET STATUS

Approved.

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