

## MATERIAL SAFETY DATA SHEET

### DPD No. 1 CLEAR TABLET

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

|                     |   |
|---------------------|---|
| PRODUCT NAME        | DPD No. 1 CLEAR TABLET  |
| PRODUCT NO.         | WAG-WE10132, WAG-WE10326, AK 011, AK 031, AK 060, AL 200, WAG-WE10306, AL 300, AP 011, AP 031, AP 052, AP 060, AR 011, AR 165, AT-0110, AT-0130, CM 031, CM 060, CR 031, PM 011, PM 031, PM 052, PM 060, AT-8812, AD-0112 |
| PRODUCT USE         | TESTING WATER   |
| SUPPLIER            | PALINTEST USA<br>1455 JAMIKE AVENUE<br>ERLANGER<br>KENTUCKY<br>41018<br>USA<br>859 341 7423<br>TOLL FREE 800 835 9629<br>859 341 2106<br>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.

##### HUMAN HEALTH

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

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name   | EC No.    | CAS No.    | Weight |
|--|-----------|------------|--------|
| POTASSIUM DIHYDROGEN ORTHOPHOSPHATE            |           | 7778-77-0  | 10-30% |
| POTASSIUM CHLORIDE                             |           | 7447-40-7  | 10-30% |
| SODIUM PHOSPHATE DIBASIC                       |           | 7558-79-4  | 10-30% |
| ADIPIC ACID                                    | 204-673-3 | 124-04-9   | 10-30% |
| SODIUM HYDROGEN CARBONATE                      | 205-633-8 | 144-55-8   | 5-10%  |
| BORIC ACID                                     | 233-139-2 | 10043-35-3 | <5.5 % |
| ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT |           | 6381-92-6  | <5.5 % |
| N,N-DIETHYL-P-PHENYLENE DIAMINE SULPHATE       | 228-500-6 | 6283-63-2  | < 1%   |

##### COMPOSITION COMMENTS

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

#### 4 FIRST-AID MEASURES

##### NOTES TO THE PHYSICIAN

No specific first aid measures noted.

##### INHALATION

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

##### SKIN CONTACT

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

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

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### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Follow precautions for safe handling described in this material safety data sheet.

### ENVIRONMENTAL PRECAUTIONS

Not relevant considering the small amounts used.

### SPILL CLEAN UP METHODS

No specific clean-up procedure noted.

## 7 HANDLING AND STORAGE

### HANDLING

Observe good chemical hygiene practices.

### 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 |
|-------------|-------|---------------------|---------------------|-------|
| ADIPIC ACID | ACGIH | 5 mg/m <sup>3</sup> |                     |       |
| 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

ACGIH = US Standard. Threshold Limit Values (2005), ACGIH, by the American Conference on 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      | 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

There are no anticipated hazardous decomposition products associated with this material.

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**11 TOXICOLOGICAL INFORMATION**

TOXICOLOGICAL INFORMATION

No information available.

**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

No data available.

**13 DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS

No specific disposal method required.

**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

No.

HAZARDOUS

SUBSTANCE/MARINE

POLLUTANT

**15 REGULATORY INFORMATION**

INVENTORIES

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

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

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US FEDERAL REGULATIONS

| COMPONENT                                      | SARA 302-TPQ | CERCLA-RQ        | SARA 313 |
|--|--------------|------------------|----------|
| ADIPIC ACID                                    |              | 5,000 lbs (2270) | No.      |
| BORIC ACID                                     |              | Not listed.      | No.      |
| POTASSIUM CHLORIDE                             |              | 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 |
|--|-----------------------------------|
| ADIPIC ACID                                    | Not listed.                       |
| BORIC ACID                                     | Not listed.                       |
| POTASSIUM CHLORIDE                             | 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.                       |

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.        |
| BORIC ACID                                     | 10043-35-3 | Not listed. | Not listed. | Not listed. | Not listed. | Not listed. | Not listed. | Not listed. |
| POTASSIUM CHLORIDE                             | 7447-40-7  | 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. |

**WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM -WHMIS**

LABEL(S) FOR SUPPLY

Not Classified According to WHMIS.

**16 OTHER INFORMATION**

ISSUED BY

L. Morgan

REVISION DATE

3rd January 2013

VERSION No.

1

MATERIAL SAFETY DATA SHEET STATUS

Approved.

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### 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.