



a xylem brand

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## SAFETY DATA SHEET DPD No. 4 CLEAR TABLETS

### 1. Identification

#### Product identifier

**Product name** DPD No. 4 CLEAR TABLETS

**Product number** YAP041, YPM041

**Internal identification** X-041

#### Recommended use of the chemical and restrictions on use

**Application** Testing water

#### Details of the supplier of the safety data sheet

**Supplier** PALINTEST USA  
1455 JAMIKE AVENUE  
ERLANGER  
KENTUCKY  
41018  
USA  
859 341 7423  
TOLL FREE 800 835 9629  
859 341 2106  
info@palintestusa.com

**DISTRIBUTOR:** YSI, INC  
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YELLOW SPRINGS,  
OHIO  
45387  
USA  
**TELEPHONE** (937) 767-7241  
**E-MAIL** MSDSINFO@XYLEMINC.COM

#### Emergency telephone number

**Emergency telephone** +44 (0)207 858 1228 (24hr)

**National emergency telephone number** +44 (0)207 858 1228 (24hr)

**Emergency telephone number:** Chemtrec® :  
US & Canada) 800-424-9300  
(International) +1 (703) 527-3887

### 2. Hazard(s) identification

#### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2A - H319

**Environmental hazards** Not Classified

#### Label elements

##### Pictogram



**Signal word** Warning

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<b>Hazard statements</b>	H315 Causes skin irritation. H319 Causes serious eye irritation.
<b>Precautionary statements</b>	P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 If on skin: Wash with plenty of water. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention.

### Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

### 3. Composition/information on ingredients

#### Mixtures

<b>DI-SODIUM HYDROGEN PHOSPHATE</b>	<b>10-30%</b>
CAS number: 10028-24-7	REACH registration number: N/A
<b>Classification</b> Eye Irrit. 2A - H319	
<b>POTASSIUM IODIDE</b>	<b>10-30%</b>
CAS number: 7681-11-0	REACH registration number: 01-2119966161-40-XXXX
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Irrit. 2A - H319	
<b>ADIPIC ACID</b>	<b>5-10%</b>
CAS number: 124-04-9	REACH registration number: 01-2119457561-38-XXXX
<b>Classification</b> Eye Irrit. 2 - H319	

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<b>ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT</b>		<b>5-10%</b>
CAS number: 6381-92-6	REACH registration number: 01-2119486775-20-XXXX	
<b>Classification</b>		
Acute Tox. 4 - H302		
Acute Tox. 4 - H312		
Acute Tox. 4 - H332		
Skin Irrit. 2 - H315		
Eye Irrit. 2A - H319		
STOT SE 3 - H335		
Aquatic Chronic 3 - H412		
<b>BORIC ACID</b>		<b>&lt;5.5%</b>
CAS number: 10043-35-3	REACH registration number: 01-2119486683-25-XXXX	
<b>Classification</b>		
Repr. 1B - H360FD		

The Full Text for all Hazard Statements are Displayed in Section 16.

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

#### 4. First-aid measures

##### Description of first aid measures

<b>General information</b>	Treat symptomatically.
<b>Inhalation</b>	Remove affected person from source of contamination. Move affected person to fresh air at once. Get medical attention.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

##### Most important symptoms and effects, both acute and delayed

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Irritation of nose, throat and airway.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Skin irritation.
<b>Eye contact</b>	May cause severe eye irritation.

##### Indication of immediate medical attention and special treatment needed

**Notes for the doctor**            Treat symptomatically.

#### 5. Fire-fighting measures

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### Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

### Special hazards arising from the substance or mixture

**Hazardous combustion products** No known hazardous decomposition products.

### Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

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

### Environmental precautions

**Environmental precautions** Not considered to be a significant hazard due to the small quantities used. However, large or frequent spills may have hazardous effects on the environment.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Avoid generation and spreading of dust. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet.

## 7. Handling and storage

### Precautions for safe handling

**Usage precautions** Good personal hygiene procedures should be implemented. Avoid inhalation of dust and contact with skin and eyes.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep separate from food, feedstuffs, fertilizers and other sensitive material.

### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## 8. Exposure Controls/personal protection

### Control parameters

#### Occupational exposure limits

##### **ADIPIC ACID**

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>

##### **BORIC ACID**

Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): ACGIH 6 mg/m<sup>3</sup>

A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

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**Ingredient comments** No exposure limits known for ingredient(s).

### ADIPIC ACID (CAS: 124-04-9)

**Ingredient comments** No exposure limits known for ingredient(s).

#### Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

##### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

##### Hand protection

Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber.

##### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

##### Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

##### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Solid
<b>Color</b>	White.
<b>Odor</b>	No characteristic odor.
<b>Solubility(ies)</b>	Soluble in water.
<b>Other information</b>	No data available.

## 10. Stability and reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	Stable under the prescribed storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.

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**Hazardous decomposition products** No known hazardous decomposition products.

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects** No data available.

#### Acute toxicity - oral

**ATE oral (mg/kg)** 2,815.31531532

#### Acute toxicity - dermal

**ATE dermal (mg/kg)** 4,068.04733728

#### Acute toxicity - inhalation

**ATE inhalation (dusts/mists mg/l)** 17.68867925

### 12. Ecological Information

**Ecotoxicity** There are no data on the ecotoxicity of this product. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

#### Toxicity

**Toxicity** No data available.

#### Persistence and degradability

**Persistence and degradability** No data available.

#### Bioaccumulative potential

**Bio-Accumulative Potential** No data available on bioaccumulation.

#### Mobility in soil

**Mobility** The product is soluble in water.

#### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### Other adverse effects

**Other adverse effects** None known.

### 13. Disposal considerations

#### Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

#### UN Number

Not applicable.

**DPD No. 4 CLEAR TABLETS****UN proper shipping name**

Not applicable.

**Transport hazard class(es)**

No transport warning sign required.

**Packing group**

Not applicable.

**Environmental hazards****Environmentally Hazardous Substance**

No.

**Special precautions for user**

Not applicable.

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code****15. Regulatory information****US Federal Regulations****CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)****ADIPIC ACID**

Final CERCLA RQ: 5000(2270) pounds (Kilograms)

**SARA 313 Emission Reporting**

None of the ingredients are listed.

**CAA Accidental Release Prevention**

None of the ingredients are listed.

**US State Regulations****California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed.

**Massachusetts "Right To Know" List****N,N-DIETHYL-P-PHENYLENE DIAMINE SULPHATE****ADIPIC ACID****Rhode Island "Right To Know" List****ADIPIC ACID****Minnesota "Right To Know" List****ADIPIC ACID****New Jersey "Right To Know" List****ADIPIC ACID****Pennsylvania "Right To Know" List****ADIPIC ACID**

**DPD No. 4 CLEAR TABLETS****Inventories****Canada - DSL/NDSL**

**BORIC ACID**  
**POTASSIUM CHLORIDE**  
**N,N-DIETHYL-P-PHENYLENE DIAMINE SULPHATE**  
**POTASSIUM IODIDE**  
**ADIPIC ACID**  
**SODIUM HYDROGEN CARBONATE**  
**ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT**

**US - TSCA**

**BORIC ACID**  
**POTASSIUM CHLORIDE**  
**N,N-DIETHYL-P-PHENYLENE DIAMINE SULPHATE**  
**POTASSIUM DIHYDROGEN ORTHOPHOSPHATE**  
**POTASSIUM IODIDE**  
**ADIPIC ACID**  
**SODIUM HYDROGEN CARBONATE**

**US - TSCA 12(b) Export Notification**

None of the ingredients are listed.

**Australia - AICS**

**POTASSIUM DIHYDROGEN ORTHOPHOSPHATE**

**16. Other information**

<b>Issued by</b>	L. Morgan
<b>Revision date</b>	5/21/2015
<b>Revision</b>	7
<b>Supersedes date</b>	3/4/2014
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H360FD May damage fertility if swallowed. May damage the unborn child if swallowed. H412 Harmful to aquatic life with long lasting effects.

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