



**MATERIAL SAFETY DATA SHEET**

**DPD 1 CLEAR**

**1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME                    DPD 1 CLEAR  
 PRODUCT NO.                    X-011  
 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**

Poses little or no immediate hazard.

**POTENTIAL HEALTH EFFECTS**

**INGESTION**

May cause discomfort if swallowed.

**SKIN CONTACT**

Powder may irritate skin.

**EYE CONTACT**

Particles in the eyes may cause irritation and smarting.

**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	30-60%
ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT		6381-92-6	5-10%
N,N-DIETHYL-P-PHENYLENE DIAMINE SULPHATE	228-500-6	6283-63-2	1-5%
POTASSIUM DIHYDROGEN ORTHOPHOSPHATE		7778-77-0	30-60%
SODIUM HYDROGEN CARBONATE	205-633-8	144-55-8	5-10%

**4 FIRST-AID MEASURES**

**INHALATION**

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

**INGESTION**

Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

**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.

Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**5 FIRE-FIGHTING MEASURES**

## DPD 1 CLEAR

### EXTINGUISHING MEDIA

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

## 6 ACCIDENTAL RELEASE MEASURES

### SPILL CLEAN UP METHODS

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

## 7 HANDLING AND STORAGE

### HANDLING

Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation.

### 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/m <sup>3</sup>		6 mg/m <sup>3</sup>	A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classified as a Human Carcinogen

### PROTECTIVE EQUIPMENT



### RESPIRATORY EQUIPMENT

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m<sup>3</sup>.

### 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	White
ODOR	Odorless
SOLUBILITY	Soluble in water

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

No information available.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous for the environment.

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**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
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	No	No		Yes				
BORACIC ACID	No	No		Yes				

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

US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
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
BORACIC ACID		Not Listed	No

CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
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
BORACIC ACID	Not Listed

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US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
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
BORACIC ACID	10043-35-3	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**

VERSION No. 1  
SAFETY DATA SHEET STATUS  
Approved.  
DATE 2 December 2009  
SIGNATURE D ELLIS

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