



**MATERIAL SAFETY DATA SHEET**

**DPD GLYCINE**

**1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME                    DPD GLYCINE  
 PRODUCT NO.                    X-056  
 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**

**INGESTION**  
 No harmful effects expected in amounts likely to be ingested by accident.

**SKIN CONTACT**  
 No specific health warnings noted.

**EYE CONTACT**  
 Particles in the eyes may cause irritation and smarting.

**ROUTE OF ENTRY**  
 Skin and/or eye contact. Ingestion.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Weight
BORACIC ACID		10043-35-3	60-100%
GLYCINE	200-272-2	56-40-6	10-30%

**4 FIRST-AID MEASURES**

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

**INGESTION**  
 Get medical attention.

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

**EYE CONTACT**  
 Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists continue rinsing and transport to hospital taking these instructions.

**5 FIRE-FIGHTING MEASURES**

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

**6 ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS**  
 Follow precautions for safe handling described in this safety data sheet.

# DPD GLYCINE

## ENVIRONMENTAL PRECAUTIONS

Not relevant considering the small amounts used.

## SPILL CLEAN UP METHODS

No specific clean-up procedure noted. Non-hazardous substance.

## 7 HANDLING AND STORAGE

### HANDLING

Read and follow manufacturer's recommendations.

### STORAGE

Store in tightly closed original container in a dry and cool place.

## 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

### PROTECTIVE EQUIPMENT



### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

### 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. Wash promptly if skin becomes contaminated.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOR	White
ODOR	Odorless

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

No information available.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

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.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION

## DPD GLYCINE

TRANSPORT NOTES

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

### 15 REGULATORY INFORMATION

#### INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
BORACIC ACID	No	No		Yes				
GLYCINE	DSL	Yes						

COMPONENT	TSCA 12(b) Export Notification
BORACIC ACID	No
GLYCINE	No

#### US FEDERAL REGULATIONS

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

#### CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
BORACIC ACID	Not Listed
GLYCINE	Not Listed

#### US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
BORACIC ACID	10043-35-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
GLYCINE	56-40-6	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

### 16 OTHER INFORMATION

VERSION No. 1

SAFETY DATA SHEET STATUS

Approved.

DATE 17 March 2010

SIGNATURE D Ellis

#### DISCLAIMER

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