



MSDS

P.O. Box 329 - 802 Washington Avenue Chestertown, MD 21620 - USA

MATERIAL SAFETY DATA SHEET

TELEPHONE # FOR INFORMATION 410 778-3100

24 HOUR EMERGENCY NUMBER (CHEM-TEL): USA, Canada, Puerto Rico 800-255-3924;

Outside North American Continent 813-248-0585 (call Collect)

1. Product Identification

Product Code: P-6741

Product Description: DPD 1B

Manufactured By: LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	6283-63-2 N, N-Diethyl-1, 4-phenylene-diamine sulfate	<1	N/E	N/E
Yes	13598-36-2 Phosphorous Acid	<2	N/E	N/E
No	7732-18-5 Water	>90		

All other ingredients are proprietary NJTSRN 80100291-5046p

There are no highly hazardous or toxic materials among the unlisted ingredients.

*Ingredients not listed by name are proprietary to LaMotte Co, registered under the state of New Jersey (U.S.A.) trade secret protection law, assigned the NJ Trade Secret Registry # 80100291-5026p and may be disclosed only in a medical emergency.

3. Hazards Overview

Primary Route Of Entry: Skin Ingestion

Warning! Causes severe eye and skin irritation. Harmful if swallowed.

HMIS Hazard

Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least

Health: 1 Flammability: 0 Reactivity: 0

Carcinogenicity: None:

Other Health Related Comments:

See Section 11.

4. First Aid Measures

Eye Contact: Flush thoroughly with water for 15 minutes. Consult a physician if irritation persists.

Skin Contact: Flush with water. Remove affected clothing and wash skin with soap and water.

Ingestion: Rinse out mouth. Drink 1-2 glasses of water. Consult physician.

Inhalation: N/A

5. Fire Fighting Measures

Flash Point (Method Used): N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Not a fire hazard

Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazard: N/A

6. Accidental Release Measures

Cover spill with sodium bicarbonate. Scoop up neutralized slurry and wash down drain with excess water.

7. Handling & Storage

Store in cool, dry place away from heat and light.

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves Lab Coat

Work/Hygenic Practices: Avoid contact with skin and clothing. Wash after handling.

9. Physical & Chemical Properties

Appearance:	Clear Colorless Liquid	Vapor Density:	<1 (Air=1)
Solubility In Water:	Soluble	Vapor Pressure:	<17 mm Hg @ 20 deg C
Odor:	None	Boiling Point:	>100 deg C
pH:	2	Melting Point:	ca. 0 deg C

10. Stability & Reactivity

Stable:	Yes
Conditions To Avoid:	Heat, light
Incompatibility (Materials To Avoid):	N/A
Hazardous Decomposition Products:	N/A

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11. Toxicological Information

For DPD sulfate: UNR-rat LD50: 450 mg/kg (toxic solid). RTECS class: Mutagen; Reproductive Effector; Primary Irritant. Product is slightly acidic (pH 2) and may be irritating in contact with skin or eyes or cause GI distress if swallowed.

Target Organs: Skin

12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Add slowly to a solution of sodium carbonate and calcium hydroxide. Pour neutralized solution down drain with excess water. Dispose according to federal, state and local regulations.

14. Transportation Information

Proper Shipping Name:

DOT: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
(PHOSPHONIC ACID)

IATA: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
(PHOSPHONIC ACID)

Hazard Class/Div:

DOT: 8

IATA: 8

UN: 3265

Packing Group: III

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	6065-27-6 N, N diethyl-p-phenylenediamine sulfate	Yes	Yes	Yes	No	Yes	Yes
Yes	13598-36-2 Phosphorous Acid	Yes	Yes	Yes	No	Yes	Yes
No	7732-18-5 Distilled Water	Yes	Yes	Yes	No	Yes	Yes

Federal, State, & International Regulations

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			
6065-27-6 N, N diethyl-p-phenylenediamine sulfate	?	?	?	?	?	?	No
13598-36-2 Phosphorous Acid	No	No	No	No	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

Ingredient	--- SARA 311/312 --- Hazard Categories					----- Australia -----		This MSDS Is WHMIS Compliant
	Acute	Chronic	Fire	Pressure	Reactivity	Hazchem Code	Poison Schedule	
6065-27-6 N, N diethyl-p-phenylenediamine sulfate	Yes	Yes	No	No	No	None Allocated	None Allocated	
13598-36-2 Phosphorous Acid	Yes	No	No	No	Yes	None Allocated	None Allocated	
7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocated	
product P-6741 as a whole	Yes	No	No	No	No	None Allocated	None Allocated	Yes

16. Other Information

Prepared By: IP, Regulatory Affairs Department

Revised: 5/30/2007