



# MSDS

## Material Safety Data Sheet

PO Box 329 • 802 Washington Avenue • Chestertown, MD 21620 • USA  
Telephone Number 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

<b>Product Code:</b>	<b>6999</b>	<b>Manufactured By:</b>	LaMotte Company
<b>Product Description:</b>	Chlorine DPD #1R Tablet		802 Washington Avenue Chestertown, MD 21620

### 2. Composition/Information on Ingredients

Hazardous	Name	CAS #	%	OSHA PEL	ACGIH TLV
Yes	N, N diethyl-p-phenylenediamine sulfate	6283-63-2	<1	N/E	N/E
No	Fillers and inert ingredients*		>75		
Yes (some)	Buffers (acids and bases)*		15 - 20		
No	Tableting aids and excipients*		<3		

\*All of the ingredients not specifically listed by name are proprietary to LaMotte Co. They are registered under state of New Jersey (U.S.A.) trade secret protection law. Proprietary ingredients are assigned the NJ Trade Secret Registry Number 80100291-5003p and may be disclosed only to medical personnel in cases of medical emergency. None of the unlisted ingredients are known carcinogens, highly toxic, or highly hazardous substances.

### 3. Hazards Overview

#### **Primary Route of Entry:** Ingestion Skin

May irritate eyes and skin on contact. 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 with water for 15 minutes. Consult physician.

**Skin Contact:** Rinse skin thoroughly. Wash with soap and water.

**Ingestion:** Induce vomiting. Drink water. Consult a physician.

**Inhalation:** N/A

### 5. Fire Fighting Measures

**Flash Point:** N/A      **LEL:** N/A      **UEL:** N/A

#### **Fire Rating**

**Extinguishing Media:**      Not a fire hazard

**Special Fire Fighting Procedures:**      N/A

**Hazardous Combustion and/or Decomposition Products:**      N/A

**Unusual Fire & Explosion Hazard:** N/A

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**6. Accidental Release Measures**

Sweep up, dissolve in water and flush down drain with excess water.

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**7. Handling & Storage**

Store in cool, dry location.

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**8. Exposure Controls/Personal Protection**

**Ventilation**

Use with adequate ventilation.

**Protection When Handling**

Gloves Eye Protection Lab Coat

**Work/Hygienic Practices:** Avoid repeated handling of tablets. Wash after handling.

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**9. Physical & Chemical Properties**

**Appearance:** Small White Tablet

**Boiling Point:** N/A

**Melting Point:** Unknown

**pH:** 6(1 tablet in 10mL water)

**Odor:** None

**Vapor Density:** N/A

**Solubility in Water:** Soluble

**Vapor Pressure:** N/A

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**10. Stability & Reactivity**

**Stable:** Yes

**Conditions to Avoid:** Moisture, extreme heat or cold

**Materials to Avoid:** N/A

**Hazardous Decomposition Products:** N/A

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**11. Toxicological Information**

**Oral rat LD50: 195 mg/kg for N, N diethyl-p-phenylenediamine sulfate (highly toxic).**

**DPD Sulfate** is harmful if inhaled, swallowed, or absorbed through skin.

One of the unlisted proprietary ingredients (which comprises about 10% by weight of the DPD 1R tablet) has a slight oral toxicity and has been investigated as a mutagen, tumorigen, reproductive effector in animal tests.

**Target Organs:** N/A

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**12. Ecological Information**

Information not Available

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**13. Disposal Considerations**

Dissolve in water and flush down drain with excess water. Dispose according to federal, state and local regulations.

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**14. Transport Information**

Not regulated for transport.

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**15. Regulatory Information****Chemical Inventory Status**

<b>Ingredient</b>	<b>USA</b>	<b>Europe</b>	<b>---Canada---</b>		<b>Australia</b>	<b>Japan</b>
	<b>TSCA</b>	<b>EC</b>	<b>DSL</b>	<b>NDSL</b>		
N, N diethyl-p-phenylenediamine sulfate (6065-27-6)	Yes	Yes	Yes	No	Yes	?
All unlisted proprietary ingredients, NJTSRN 80100291-5003p	Yes	Yes	Yes	No	Yes	Yes

**Federal, State, & International Regulations**

<b>Ingredient</b>	<b>---SARA 302---</b>		<b>----- SARA 313 -----</b>			<b>RCRA 261.33</b>	<b>TSCA 8(D)</b>
	<b>RQ</b>	<b>TPQ</b>	<b>Listed</b>	<b>Chemical Category</b>	<b>CERCLA</b>		
N, N diethyl-p-phenylenediamine sulfate (6065-27-6)	No	No	No	No	No	No	No
All unlisted proprietary ingredients, NJTSRN 80100291-5003p	No	No	No	No	No	No	No

<b>Ingredient</b>	<b>----- SARA 311/312 -----</b>			<b>----- Australia -----</b>		<b>This MSDS is WHMIS Compliant</b>
	<b>Hazard Categories</b>			<b>Hazchem Code</b>	<b>Poison Schedule</b>	
N, N diethyl-p-phenylenediamine sulfate (6065-27-6)	Acute:Yes Pressure: No	Chronic:Yes Reactivity: No (Pure/Solid)	Fire: No	None allocated	None allocated	
A hazardous proprietary ingredient which comprises ca.10% by weight of tablet.	Acute:Yes Pressure: No	Chronic:Yes Reactivity: No (Pure/Solid)	Fire: No	None allocated	S5	
<b>For tablet # 6999, as a whole</b>	Acute:Yes Pressure: No	Chronic:Yes Reactivity: No	Fire: No	None allocated	None allocated	Yes

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**16. Other Information**

Store cool, dry, away from heat &amp; moisture

**Prepared By:** IP**Revised:** 5/06/2005