



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)**

# MSDS

## Material Safety Data Sheet

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### 1. Product Identification

**Product Code:** 6903  
**Product Description:** DPD #1 Tablet

### **Manufactured By:**

LaMotte Company  
802 Washington Avenue  
Chestertown, MD 21620

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### 2. Composition/Information on Ingredients

Hazardous	Name	CAS #	%	OSHA PEL	ACGIH TLV
Yes	N, N diethyl-p-phenylenediamine sulfate Sulfate (1:1); (DPD Sulfate)	6283-63-2	1	N/E	N/E
Yes—15% No—85%	All other ingredients are proprietary NJTSRN 80100291-5002p	N/A			

\*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 80100291-5002p and may be disclosed only to medical personnel in cases of medical emergency. None of the unlisted ingredients are carcinogens, highly toxic, or highly hazardous substances.

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### 3. Hazards Overview

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

DPD sulfate ingredient may be harmful if swallowed or absorbed through skin.

**HMIS Hazard:** (Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least)

Health: 1      Flammability: 0      Reactivity: 0

**Carcinogenicity:**      None of the proprietary ingredients in this product are carcinogens.

#### **Other Health Related Comments:**

None of the proprietary ingredients in this product are tumorigens, mutagens, or reproductive effectors.  
None of the proprietary ingredients in this product are highly toxic chemicals.

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### 4. First Aid Measures

**Eye Contact:** Flush with water for 15 minutes. Consult physician if eye irritation develops.

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

**Ingestion:** If several tablets have been swallowed: Induce vomiting. Consult a physician.

**Inhalation:** N/A

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**Product Code: 6903**

**Product Description: DPD #1 Tablet**

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### **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. Keep out of reach of young children.

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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 frequent handling of tablets without impervious gloves (vinyl, latex, nitrile).  
Wash after handling.

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### **9. Physical & Chemical Properties**

<b>Appearance:</b>	Small White Tablet	<b>Boiling Point:</b>	N/A
		<b>Melting Point:</b>	Unknown
		<b>pH:</b>	6(1 tablet in 10mL water)
<b>Odor:</b>	None	<b>Vapor Density:</b>	N/A
<b>Solubility in Water:</b>	Soluble	<b>Vapor Pressure:</b>	N/A

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### **10. Stability & Reactivity**

**Stable:** Yes  
**Conditions to Avoid:** Heat, moisture  
**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 (toxic).

**DPD Sulfate** is harmful if inhaled, swallowed, or absorbed through skin. Tablet #6903 contains <1% of DPD.

**Target Organs:** N/A

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**Product Code: 6903**

**Product Description: DPD #1 Tablet**

**12. Ecological Information**

Information not available

**13. Disposal Considerations**

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

**14. Transport Information**

Not regulated for transport.

**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 other proprietary ingredients, NJTSRN 80100291-5002p	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 other proprietary ingredients, NJTSRN80100291-5002p	No	No	No	No	No	No	No

**----- SARA 311/312 -----**

**----- Australia -----**

<b>Ingredient</b>	<b>Hazard Categories</b>			<b>Hazchem Code</b>	<b>Poison Schedule</b>	<b>This MSDS is WHMIS Compliant</b>
	<b>Acute: Yes</b>	<b>Chronic: Yes</b>	<b>Fire: No</b>			
N, N diethyl-p-phenylenediamine sulfate (6065-27-6)	Pressure: No	Reactivity: No	(Pure/Solid)	None allocated	None allocated	
All other ingredients are proprietary NJTSRN 80100291-5002p	varies			None allocated	None allocated	
<b>For #6903 DPD #1 tablet, as a whole</b>	Acute: Yes	Chronic: No	Fire: No	None allocated	None allocated	Yes
	Pressure: No	Reactivity: No	(Tablet/Mixture)			

**16. Other Information**

**European Union Risk/Safety Statements for 6903 DPD #1 tablet**

R:22 Harmful if swallowed

S:2/46 Keep out of reach of children.

If swallowed seek medical advice immediately and show this container or label.

**Prepared By: IP**

**Revised: 8/30/2006**



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# MSDS

## Material Safety Data Sheet

### 1. Product Identification

**Product Code:**

6811

**Manufactured By:**

LaMotte Company

**Product Description:**

Glycine Solution

802 Washington Avenue

Chestertown, MD 21620

### 2. Composition/Information on Ingredients

Hazardous	Name	CAS #	%	OSHA PEL	ACGIH TLV
Yes	Kathon CG/ICP preservative(a registered Trademark of Rohm & Haas Co.)	N/A	0.05	N/E	N/E
No*	Glycine	56-40-6	10	N/E	N/E
No	Water to 100%	7732-18-5			

\*Non-hazardous under the OSHA Hazard Communication Standard (USA).

### 3. Hazards Overview

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

**HMIS Hazard:** (Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least)

Health: 0      Flammability: 0      Reactivity: 0

**Carcinogenicity:** None

#### Other Health Related Comments:

Kathon preservative, in concentrated form, may cause allergic dermatitis (skin).

Large oral doses of glycine solution may cause nausea.

### 4. First Aid Measures

**Eye Contact:** Flush thoroughly with water.

**Skin Contact:** Flush with water. Wash with soap and water.

**Ingestion:** Drink water. Consult physician if symptoms develop.

**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

### 6. Accidental Release Measures

Mop up and flush down drain with water.

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**Product Code: 6811**

**Product Description: Glycine Solution**

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### **7. Handling & Storage**

Avoid storage under conditions of extreme heat or cold.

### **8. Exposure Controls/Personal Protection**

#### **Ventilation**

Mechanical ventilation not required.

#### **Protection When Handling**

No special protection required.

**Work/Hygienic Practices:** Wash after handling.

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### **9. Physical & Chemical Properties**

<b>Appearance:</b>	Colorless Clear Liquid	<b>Boiling Point:</b>	>100 deg C
		<b>Melting Point:</b>	N/A
		<b>pH:</b>	6
<b>Odor:</b>	None	<b>Vapor Density:</b>	Unknown
<b>Solubility in Water:</b>	Soluble	<b>Vapor Pressure:</b>	Unknown

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### **10. Stability & Reactivity**

<b>Stable:</b>	Yes
<b>Conditions to Avoid:</b>	N/A
<b>Materials to Avoid:</b>	N/A

**Hazardous Decomposition Products:** N/A

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### **11. Toxicological Information**

Glycine: Oral rat LD50: 7930 mg/kg (Non-toxic). Investigated as a mutagen.

**Target Organs:** N/A

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### **12. Ecological Information**

Information not Available

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### **13. Disposal Considerations**

Non-hazardous material. Flush with water to sewer. Dispose according to federal, state and local regulations.

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### **14. Transport Information**

Not regulated for transport

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**Product Code: 6811**

**Product Description: Glycine Solution**

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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>		
Kathon CG/ICP preservative	?					
Glycine	Yes	Yes	Yes	No	Yes	Yes
Water	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>		
Kathon CG/ICP preservative							
Glycine	No	No	No	No	No	No	No
Water							

<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>	
Kathon CG/ICP preservative	Acute: Yes	Chronic: No	Fire: No	?	?	
	Pressure: No	Reactivity: No	(Pure/Liquid)			
Glycine	Acute: No	Chronic: No	Fire: No	None allocated	None allocated	
	Pressure: No	Reactivity: No	(Pure/Solid)			
<b>For product #6811 liquid mixture, taken as a whole</b>	Acute: No	Chronic: No	Fire: No	None allocated	None allocated	Yes
	Pressure: No	Reactivity: No	(Pure/Liquid)			

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**16. Other Information**

**Prepared By: IP**

**Revised: 3/11/2005**