



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

1. Product Identification

Product Code: 6899
Product Description: DPD #4R Tablet

Manufactured By: LaMotte Company
 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 (1:1); (DPD Sulfate)	6283-63-2	<1	N/E	N/E
Yes	Potassium Iodide	7681-11-0	10	N/E	N/E
Yes	Potassium Chloride	7447-40-7	5	15 mg/cubic m total dust	10 mg/cubic m total dust
No	Fillers and inert ingredients*		60 - 70	N/E	N/E
Yes	Buffers (acids and bases)*		10 -15		
Yes (some)	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 80100291-5050p 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.

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 a physician.
- Skin Contact:** Flush thoroughly with water. Wash with soap and water.
- Ingestion:** Drink water. Induce vomiting. Consult a physician.
- Inhalation:** N/A

Product Code: 6899

Product Description: DPD #4R Tablet

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: May emit hydrogen iodide or iodine under fire conditions.

Unusual Fire & Explosion Hazard: N/A

6. Accidental Release Measures

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

7. Handling & Storage

Store in cool, dry location.

8. Exposure Controls/Personal Protection

Ventilation

Use with adequate ventilation.

Protection When Handling

Gloves Eye Protection

Work/Hygienic Practices: Avoid handling tablets; wash hands after handling.

9. Physical & Chemical Properties

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

10. Stability & Reactivity

Stable: Yes
Conditions to Avoid: Moisture, extreme heat or cold
Materials to Avoid: N/A

Hazardous Decomposition Products: May emit hydrogen iodide or iodine under fire conditions.

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, but tablet contains <1 mg of it.

Potassium iodide investigated as a mutagen and reproductive effector.

One of the unlisted (proprietary) hazardous ingredients (<15% by weight of tablet) has a moderate oral toxicity in humans, and has been investigated as a mutagen, tumorigen, and reproductive effector.

Target Organs: N/A

Product Code: 6899

Product Description: DPD #4R Tablet

12. Ecological Information

Information not available

13. Disposal Considerations

Dissolve in water and 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

Ingredient	USA	Europe	---Canada---		Australia	Japan
	TSCA	EC	DSL	NDSL		
N, N diethyl-p-phenylenediamine sulfate (6065-27-6)	Yes	Yes	Yes	No	Yes	?
Potassium Iodide	Yes	Yes	Yes	No	Yes	Yes
Potassium Chloride	Yes	Yes	Yes	No	Yes	Yes
All unlisted proprietary ingredients, NJTSRN 80100291-5050p	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			
N, N diethyl-p-phenylenediamine sulfate (6065-27-6)	No	No	No	No	No	No	No
Potassium Iodide	No	No	No	No	No	No	No
Potassium Chloride	No	No	No	No	No	No	No
All unlisted proprietary ingredients, NJTSRN 80100291-5050p	No	No	No	No	No	No	No

Product Code: 6899**Product Description: DPD #4R Tablet**

Ingredient	----- SARA 311/312 ----- Hazard Categories	----- Australia -----		This MSDS is WHMIS Compliant
		Hazchem Code	Poison Schedule	
N, N diethyl-p-phenylenediamine sulfate (6065-27-6)	Acute:Yes Chronic:Yes Fire: No Pressure: No Reactivity: No (Pure/Solid)	None allocated	None allocated	
Potassium Iodide	Acute:Yes Chronic:Yes Fire:No Pressure: No Reactivity: No (Pure/Solid)	None allocated	None allocated	
Potassium Chloride	Acute:Yes Chronic: No Fire: No Pressure: No Reactivity: No (Pure/Solid)	None allocated	None allocated	
Unlisted proprietary ingredients, NJTSRN 80100291-5050p	Varies	None allocated	None allocated	
For #6899 DPD #4R tablet, as a whole	Acute:Yes Chronic: No Fire:No Pressure: No Reactivity: No	None allocated	None allocated	Yes

16. Other Information**Prepared By: IP****Revised: 8/13/2008**