



# 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-6740

**Product Description:** DPD 1A (DPD Reagent A)  
(Free Chlorine)

**Manufactured By:** LaMotte Company  
802 Washington Avenue  
Chestertown, MD 21620

### 2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	497-19-8 Sodium Carbonate	<1	N/E	N/E
Yes	7758-11-4 Potassium Phosphate, Dibasic	10 - 20	N/E	N/E
Yes	6381-92-6 EDTA, disodium salt	<0.1	N/E	N/E
No	7732-18-5 Water	>80		

### 3. Hazards Overview

**Primary Route Of Entry:** Skin Ingestion

May be harmful if swallowed.

#### 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:**

Reagent is non-hazardous, non-toxic, but may cause GI distress if large amounts are swallowed because it is alkaline (pH 10). See Section 11.

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#### **4. First Aid Measures**

**Eye Contact:** Flush with water for 15 minutes.

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

**Ingestion:** Drink 1 - 2 glasses of water. Consult physician if symptoms appear.

**Inhalation:** N/A

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#### **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

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#### **6. Accidental Release Measures**

Mop up and wash down drain with excess water.

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

Store in cool, dry, storage area.

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

### **Ventilation**

Normal

### **Protection When Handling**

Eye Protection Gloves

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

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

**Appearance:** Clear Colorless Liquid

**Solubility In Water:** Soluble

**Odor:** None

**pH:** 10

**Vapor Density:** <1 (Air=1)

**Vapor Pressure:** <17 mm Hg @ 20 deg C

**Boiling Point:** >100 deg C

**Melting Point:** N/A

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## **10. Stability & Reactivity**

**Stable:** Yes

**Conditions To Avoid:** N/A

**Incompatibility (Materials To Avoid):** N/A

**Hazardous Decomposition Products:** N/A

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## **11. Toxicological Information**

Non-toxic. Phosphates are not rapidly absorbed when ingested, and seldom result in systemic effects. Swallowing of large amounts usually induces vomiting & purging.

**Target Organs:** GI System Skin

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## **12. Ecological Information**

Information Not Yet Available

## **13. Disposal Considerations**

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

## **14. Transportation Information**

Not Regulated For Transport

## **15. Regulatory Information**

### **Chemical Inventory Status**

Hazard	Ingredient	USA	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	497-19-8 Sodium Carbonate, Anhydrous	Yes	Yes	Yes	No	Yes	Yes
Yes	7758-11-4 Potassium Phosphate Dibasic, anhydrous	Yes	Yes	Yes	No	Yes	Yes
Yes	139-33-3 EDTA disodium salt, anhydrous	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			
497-19-8 Sodium Carbonate, Anhydrous	No	No	No	No	No	No	No
7758-11-4 Potassium Phosphate Dibasic, anhydrous	No	No	No	No	No	No	No
139-33-3 EDTA disodium salt, anhydrous	No	No	No	No	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

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--- SARA 311/312 ---

**Hazard Categories**

----- Australia -----

**Hazchem  
Code**

**Poison  
Schedule**

**This MSDS Is  
WHMIS Compliant**

<b>Ingredient</b>	<b>Acute</b>	<b>Chronic</b>	<b>Fire</b>	<b>Pressure</b>	<b>Reactivity</b>			
497-19-8 Sodium Carbonate, Anhydrous	Yes	No	No	No	No	None Allocated	S5	
7758-11-4 Potassium Phosphate Dibasic, anhydrous	Yes	No	No	No	No	None Allocated	None Allocated	
139-33-3 EDTA disodium salt, anhydrous	Yes	No	No	No	No	None Allocated	None Allocated	
7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocated	
<b>product P-6740 as a whole</b>	No	No	No	No	No	None Allocated	None Allocated	Yes

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**16. Other Information**

**Prepared By:** IP, Regulatory Affairs Department

**Revised:** 5/24/2007

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