

Issuing Date 5/25/2010

Revision Date 3/27/2013

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	DPD 3; (DPD REAGENT C) (TOTAL CHLORINE)
Product Code(s)	P-6743
Synonyms	none
Recommended Use	Laboratory chemicals. Industrial (not for food or food contact use).
Company	LaMotte Company, Inc. 802 Washington Avenue P.O. Box 329 Chestertown, MD 21620 USA
Emergency Telephone Number	24 Hour Emergency Number (CHEM-TEL): USA, Canada, Puerto Rico 1-800-255-3924 Outside North American Continent (Call collect) 813-248-0585

2. HAZARDS IDENTIFICATION**CAUTION!****Emergency Overview**

May cause skin, eye, and respiratory tract irritation

Appearance Clear, colorless**Physical State** Liquid**Odor** Odorless

OSHA Regulatory Status	This product is an article which contains a chemical substance. Safety information is given for exposure to the article as sold, but considers exposure to the chemical if user has direct eye and skin contact with the chemical.
Potential Health Effects Principle Routes of Exposure	Skin contact, Ingestion.
Acute Toxicity Eyes Skin Inhalation Ingestion	May cause irritation. May cause irritation. May cause irritation of respiratory tract. Gastrointestinal discomfort.
Chronic Effects Main Symptoms	See Section 11 for additional Toxicological Information.
Aggravated Medical Conditions	No information available.
Environmental Hazard	No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Buffers	0000	<1
Potassium iodide	7681-11-0	<30
Water	7732-18-5	to 100

4. FIRST AID MEASURES

General Advice	Do not get in eyes, on skin, or on clothing.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash off immediately with soap and plenty of water for at least 15 minutes while removing all contaminated clothing and shoes. If irritation develops or persists, consult physician.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen.
Ingestion	Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.
Notes to Physician	See MSDS (material safety data sheet) for additional information. Treat symptomatically.
Protection of First-aiders	Use personal protective equipment. See Section 8 for more detail.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Water spray, dry chemical, carbon dioxide (CO ₂), or foam.			
NFPA	Health Hazard 1	Flammability 0	Stability 0	Physical and Chemical Hazards -
HMIS	Health Hazard 0	Flammability 0	Stability 0	

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Refer to Section 8.
Methods for Containment	Soak up with inert absorbent material, containerize, and hold for disposal.
Methods for Cleaning Up	After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Prevent contact with skin, eyes, and clothing. Do not ingest. Do not eat, drink, or smoke when using this product.
Storage	Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep away from direct sunlight. Keep away from heat. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH

Buffers 0000	None Known	None Known	None Known
Potassium iodide 7681-11-0	TWA: 0.01 ppm	None Known	None Known
Water 7732-18-5	None Known	None Known	None Known

Personal Protective Equipment

Eye/Face Protection Safety glasses with side-shields.
Skin and Body Protection Gloves & Lab Coat.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear, colorless **Odor** Odorless
Physical State Liquid **pH** 10.5
Boiling Point/Range > >100 °C

Vapor Pressure <17 mmHg @ 20°C **Vapor Density** <1(Air = 1)

10. STABILITY AND REACTIVITY

Stability Stable.
Incompatible Products Not applicable.
Conditions to Avoid None known based on information supplied.
Hazardous Decomposition Products Iodine.
Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Buffers	None Known	None Known	None Known
Potassium iodide	None Known	None Known	None Known
Water	90 mL/kg (Rat)	None Known	None Known

Chronic Toxicity

Chemical Name	ACGIH	IARC	NTP	OSHA
Buffers	None Known	None Known	None Known	None Known
Potassium iodide	None Known	None Known	None Known	None Known
Water	None Known	None Known	None Known	None Known

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Buffers	None Known	None Known	None Known
Potassium iodide	None Known	None Known	None Known
Water	None Known	None Known	None Known

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Buffers	None Known	None Known	None Known	None Known
Potassium iodide	None Known	None Known	None Known	None Known
Water	None Known	None Known	None Known	None Known
Chemical Name	Log Pow			
Buffers	None Known			
Potassium iodide	None Known			
Water	None Known			

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations. Can be disposed as waste water, when in compliance with local regulations.

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Buffers - 0000	None Known	None Known	None Known	None Known
Potassium iodide - 7681-11-0	None Known	None Known	None Known	None Known
Water - 7732-18-5	None Known	None Known	None Known	None Known

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

Component	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Buffers 0000 (<1)	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Potassium iodide 7681-11-0 (<30)	Present	X	X	(1)-439	X	KECL	X	X
Water 7732-18-5 (to 100)	Present	X	X	ENCS	X	KE-35400	X	X

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Buffers	0000	<1	None Known
Potassium iodide	7681-11-0	<30	None Known
Water	7732-18-5	to 100	None Known

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Buffers 0000 (<1)	None Known	None Known	None Known	None Known
Potassium iodide 7681-11-0 (<30)	None Known	None Known	None Known	None Known
Water 7732-18-5 (to 100)	None Known	None Known	None Known	None Known

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Buffers	0000	<1	None Known	None Known	None Known	None Known
Potassium iodide	7681-11-0	<30	None Known	None Known	None Known	None Known
Water	7732-18-5	to 100	None Known	None Known	None Known	None Known

CERCLA

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Buffers	None Known	None Known
Potassium iodide	None Known	None Known
Water	None Known	None Known

U.S. State Regulations

Chemical Name	CAS-No	California Prop. 65
Buffers	0000	None Known
Potassium iodide	7681-11-0	None Known
Water	7732-18-5	None Known

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Buffers	None Known	None Known	None Known	None Known	None Known
Potassium iodide	None Known	None Known	None Known	None Known	None Known
Water	None Known	None Known	None Known	None Known	None Known

International Regulations

Mexico - Grade

No information available.

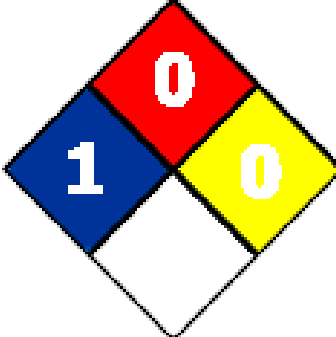

Chemical Name	Carcinogen Status	Exposure Limits
Buffers	None Known	None Known
Potassium iodide	None Known	None Known
Water	None Known	None Known

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

Component	WHMIS Hazard Class
Buffers 0000 (<1)	Not determined
Potassium iodide 7681-11-0 (<30)	1 % D2A
Water 7732-18-5 (to 100)	Uncontrolled product according to WHMIS classification criteria

16. OTHER INFORMATION

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"> <tr> <td>Health Hazard</td> <td>1</td> </tr> <tr> <td>Fire Hazard</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	Health Hazard	1	Fire Hazard	0	Reactivity	0		
Health Hazard	1								
Fire Hazard	0								
Reactivity	0								

Prepared By	Regulatory Affairs Department
Issuing Date	5/25/2010
Revision Date	27-Mar-2013
Revision Note	No changes. MSDS was reviewed per Canada request - Canada requires MSDS to be dated within 3 years of the request.

Disclaimer
 The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS