

Issuing Date 8/3/2010

Revision Date 2/11/2013

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	CHLORINE DPD #3R TABLET
Product Code(s)	6905 (Tabletas de Cloro DPD #3R)
Synonyms	none / ninguno / aucun
Recommended Use	Laboratory chemicals.
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
Emergency Overview

Large oral doses may cause gastrointestinal irritation
May cause skin, eye, and respiratory tract irritation

Appearance White to off-white	Physical State Solid, Tablet	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, Inhalation.
Acute Toxicity	
Eyes	May cause irritation.
Skin	May cause irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	May be harmful if swallowed.
Chronic Effects	May produce an allergic reaction.
Main Symptoms	Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing.
Aggravated Medical Conditions	None known.
Interactions with Other Chemicals	None known.
Environmental Hazard	No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Excipient	-	25-35
Chloride salt	-	30-40
Potassium iodide	7681-11-0	30-40

LaMotte Company proprietary formulation under the State of New Jersey Trade Secret Protection Law, assigned the NJTSRN 80100291-5062p, and may be disclosed only in a medical emergency.

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. Consult a physician.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and contact emergency personnel. Call a physician immediately.
Ingestion	Drink plenty of water. Clean mouth with water. Never give anything by mouth to an unconscious person. Consult a physician.
Notes to Physician	May cause sensitization of susceptible persons. Treat symptomatically.
Protection of First-aiders	Use personal protective equipment. See Section 8 for more detail. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Refer to Section 8.
Methods for Containment	Prevent dust cloud.
Methods for Cleaning Up	Avoid dust formation. Sweep up and shovel into suitable containers for disposal. Keep in suitable and closed containers for disposal.

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 out of the reach of children. Keep away from direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Excipient	None Known	None Known	None Known
Chloride salt	None Known	None Known	None Known
Potassium iodide 7681-11-0	TWA: 0.01 ppm	None Known	None Known

Personal Protective Equipment

Eye/Face Protection Safety glasses with side-shields. Avoid contact with eyes.
Skin and Body Protection Wear latex or nitrile gloves.
Respiratory Protection None required under normal usage.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection. Wash hands and face before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to off-white	Odor	Odorless
Physical State	Solid, Tablet	pH	7
Freezing Point			No information available
Explosion Limits	Not applicable		
No data available		Molecular Weight	No data available
Water Solubility	Soluble in water	Solubility	Soluble

10. STABILITY AND REACTIVITY

Stability Stable.

Incompatible Products None known based on information supplied.

Conditions to Avoid Exposure to air or moisture over prolonged periods. Extremes of temperature and direct sunlight. Keep away from children.

Hazardous Decomposition Products Hydrogen iodide.

Hazardous Reactions Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Excipient	10 g/kg (Rat)	None Known	None Known
Chloride salt	2600 mg/kg (Rat)	None Known	None Known
Potassium iodide	None Known	None Known	None Known

Chronic Toxicity

Chronic Toxicity May produce an allergic reaction.

Chemical Name	ACGIH	IARC	NTP	OSHA
Excipient	None Known	None Known	None Known	None Known
Chloride salt	None Known	None Known	None Known	None Known
Potassium iodide	None Known	None Known	None Known	None Known

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Excipient	None Known	None Known	None Known
Chloride salt	None Known	None Known	None Known
Potassium iodide	None Known	None Known	None Known

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Excipient	None Known	None Known	None Known	None Known
Chloride salt	EC50 = 2500 mg/L 72 h	LC50= 2010 mg/L Lepomis macrochirus 96 h	None Known	EC50 = 825 mg/L 48 h
Potassium iodide	None Known	None Known	None Known	None Known
Chemical Name	Log Pow			
Excipient	None Known			
Chloride salt	None Known			
Potassium iodide	None Known			

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of in accordance with local regulations. Can be incinerated, when in compliance with local regulations. Should not be released into the environment.

Contaminated Packaging

Dispose of in accordance with local regulations.

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Excipient -	None Known	None Known	None Known	None Known
Chloride salt -	None Known	None Known	None Known	None Known
Potassium iodide - 7681-11-0	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
Excipient (25-35)	Present	X	X	ENCS	X	KE-17416	X	X

Chloride salt (30-40)	Present	X	X	1-228	X	KE-29086	X	X
Potassium iodide 7681-11-0 (30-40)	Present	X	X	(1)-439	X	KECL	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 %
Excipient		25-35	None Known
Chloride salt		30-40	None Known
Potassium iodide	7681-11-0	30-40	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

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Excipient (25-35)	None Known	None Known	None Known	None Known
Chloride salt (30-40)	None Known	None Known	None Known	None Known
Potassium iodide 7681-11-0 (30-40)	None Known	None Known	None Known	None Known

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Excipient		25-35	None Known	None Known	None Known	None Known
Chloride salt		30-40	None Known	None Known	None Known	None Known
Potassium iodide	7681-11-0	30-40	None Known	None Known	None Known	None Known

CERCLA

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Excipient	None Known	None Known
Chloride salt	None Known	None Known
Potassium iodide	None Known	None Known

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

Chemical Name	CAS-No	California Prop. 65
Excipient		None Known
Chloride salt		None Known
Potassium iodide	7681-11-0	None Known

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Excipient	None Known	None Known	None Known	None Known	None Known
Chloride salt	None Known	None Known	None Known	None Known	None Known
Potassium iodide	None Known	None Known	None Known	None Known	None Known

International Regulations

Mexico - Grade No information available

Chemical Name	Carcinogen Status	Exposure Limits
Excipient	None Known	None Known
Chloride salt	None Known	None Known
Potassium iodide	None Known	None Known

Canada

Component	WHMIS Hazard Class
Excipient (25-35)	Uncontrolled product according to WHMIS classification criteria
Chloride salt (30-40)	Uncontrolled product according to WHMIS classification criteria
Potassium iodide 7681-11-0 (30-40)	1 % D2A



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 8/3/2010
 Revision Date 11-Feb-2013
 Revision Note MSDS was reviewed per Canada request - Canada requires a 3 yr MSDS review.
 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