

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name DPD Total Chlorine Powder Pop Dispenser

Other means of identification

Product Code(s) 3-0033

Recommended use of the chemical and restrictions on use

Recommended Use Use as a laboratory reagent. Industrial (not for food or food contact use). Laboratory chemicals.

Details of the supplier of the safety data sheet

Supplier Address
 LaMotte Company, Inc.
 802 Washington Avenue
 P.O. Box 329
 Chestertown, MD 21620 USA
 T 410-778-3100
 F 410-778-9748

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

Skin corrosion/irritation	Category 3
Serious eye damage/eye irritation	Category 2B
Skin sensitization	Category 1B

EMERGENCY OVERVIEW

WARNING

Hazard statements

May be harmful in contact with skin. Causes skin irritation. Causes eye irritation. May cause an allergic skin reaction.



Appearance White to pale pink **Physical state** solid powder **Odor** Odorless

Precautionary Statements - Prevention

Keep out of the reach of children.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 IF SWALLOWED: Drink 1 or 2 glasses of water. Call a physician immediately.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool.

Unknown Acute Toxicity

74% of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS*

Chemical name	CAS No	Weight-%
EDTA disodium salt, dihydrate	6381-92-6	<5
DPD Sulfate	6283-63-2	<5
Potassium iodide	7681-11-0	20-30
Buffer salts	Proprietary	>60

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures

General advice	Do not get in eyes, on skin, or on clothing.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and wash before reuse. If symptoms persist, call a physician.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
Ingestion	Rinse mouth with water and afterwards drink plenty of water or milk. Consult a physician if necessary.
Self-protection of the first aider	Use personal protection recommended in Section 8. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Water spray, dry chemical, carbon dioxide (CO₂), or foam.

Specific hazards arising from the chemical

Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	See section 8.
Environmental precautions	See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Sweep up in a manner that does not disperse dust and shovel into suitable containers for disposal. Dispose according to local regulations, if permitted dissolve in water and rinse to drain.

Methods for cleaning up After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Ensure adequate ventilation. Do not breathe vapors/dust. Prevent contact with skin, eyes, and clothing. Do not taste or swallow. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink, or smoke when using this product.

Conditions for safe storage, including any incompatibilities

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.

Incompatible Products Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
EDTA disodium salt, dihydrate 6381-92-6	-	-	Not Established
DPD Sulfate 6283-63-2	-	-	Not Established
Potassium iodide 7681-11-0	TWA: 0.01 ppm inhalable fraction and vapor	-	Not Established
Buffer salts	-	-	Not Established

Appropriate engineering controls

Engineering Measures Ensure that eyewash stations and safety showers are close to the workstation location.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear safety glasses with side shields (or goggles). Avoid contact with eyes.

Skin and body protection Wear latex or nitrile gloves.

Respiratory protection Maintain adequate ventilation. Effective dust mask.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin 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

Information on basic physical and chemical properties

Physical state solid powder
Appearance White to pale pink
Odor Odorless

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6.0-6.6	
Melting point / freezing point	No information available	
Boiling point / boiling range	No information available	

Flash point	Not Applicable
Evaporation rate	
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific gravity	No information available
Water solubility	Soluble in water
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of use and storage.
Hazardous polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Exposure to air or moisture over prolonged periods. Extremes of temperature and direct sunlight.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	May emit small amounts of toxic fumes under fire conditions.

11. TOXICOLOGICAL INFORMATION

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

Information on likely routes of exposure

Component identification

Chemical name	ATEmix (oral)	ATEmix (dermal)	Inhalation LC50
EDTA disodium salt, dihydrate 6381-92-6	Not Established	Not Established	Not Established
DPD Sulfate 6283-63-2	Not Established	Not Established	Not Established
Potassium iodide 7681-11-0	Not Established	Not Established	Not Established
Buffer salts	Not Established	Not Established	Not Established

Information on toxicological effects

Chemical name	ACGIH	IARC	NTP	OSHA
EDTA disodium salt, dihydrate 6381-92-6	Not Established	Not Established	Not Established	Not Established
DPD Sulfate 6283-63-2	Not Established	Not Established	Not Established	Not Established
Potassium iodide	Not Established	Not Established	Not Established	Not Established

7681-11-0				
Buffer salts	Not Established	Not Established	Not Established	Not Established

Chronic toxicity Repeated contact may cause allergic reactions in very susceptible persons.

ATEmix (oral) 17,000.00 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Toxicity to Algae	Toxicity to Fish	Daphnia Magna (Water Flea)
EDTA disodium salt, dihydrate 6381-92-6	Not Established	Not Established	Not Established
DPD Sulfate 6283-63-2	Not Established	Not Established	Not Established
Potassium iodide 7681-11-0	Not Established	Not Established	Not Established
Buffer salts	Not Established	Not Established	Not Established

Persistence and degradability

No information available.

Bioaccumulation/Accumulation

No information available.

Chemical name	Log Pow
EDTA disodium salt, dihydrate 6381-92-6	Not Established
DPD Sulfate 6283-63-2	Not Established
Potassium iodide 7681-11-0	Not Established
Buffer salts	Not Established

13. DISPOSAL CONSIDERATIONS

Disposal Methods Dispose according to federal, state, and local regulations.

Contaminated packaging Dispose of waste product or used containers according to local regulations.

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
EDTA disodium salt, dihydrate 6381-92-6	Not Established	-	Not Established	Not Established
DPD Sulfate 6283-63-2	Not Established	-	Not Established	Not Established
Potassium iodide 7681-11-0	Not Established	-	Not Established	Not Established
Buffer salts	Not Established	-	Not Established	Not Established

Chemical name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
EDTA disodium salt, dihydrate 6381-92-6	Not Established	Not Established	Not Established	Not Established
DPD Sulfate 6283-63-2	Not Established	Not Established	Not Established	Not Established
Potassium iodide 7681-11-0	Not Established	Not Established	Not Established	Not Established
Buffer salts	Not Established	Not Established	Not Established	Not Established

Chemical name	California Hazardous Waste Status
EDTA disodium salt, dihydrate 6381-92-6	-
DPD Sulfate 6283-63-2	-
Potassium iodide 7681-11-0	-
Buffer salts	-

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
 DSL/NDSL Complies
 EINECS/ELINCS Complies
 ENCS Complies
 IECSC Complies
 KECL Complies
 PICCS Complies
 AICS Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 AICS - Australian Inventory of Chemical Substances

US 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	SARA 313 - Threshold Values %
EDTA disodium salt, dihydrate 6381-92-6	Not Established
DPD Sulfate 6283-63-2	Not Established
Potassium iodide 7681-11-0	Not Established
Buffer salts	Not Established

SARA 311/312 Hazard Categories

Acute health hazard

Yes

Chronic Health Hazard No
 Fire hazard No
 Sudden release of pressure hazard No
 Reactive Hazard No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
EDTA disodium salt, dihydrate 6381-92-6	Not Established	Not Established	Not Established	Not Established
DPD Sulfate 6283-63-2	Not Established	Not Established	Not Established	Not Established
Potassium iodide 7681-11-0	Not Established	Not Established	Not Established	Not Established
Buffer salts	Not Established	Not Established	Not Established	Not Established

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	RQ
EDTA disodium salt, dihydrate 6381-92-6	-	Not Established	-
DPD Sulfate 6283-63-2	-	Not Established	-
Potassium iodide 7681-11-0	-	Not Established	-
Buffer salts	-	Not Established	-

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

Chemical name	California Proposition 65
EDTA disodium salt, dihydrate 6381-92-6	Not Established
DPD Sulfate 6283-63-2	Not Established
Potassium iodide 7681-11-0	Not Established
Buffer salts	Not Established

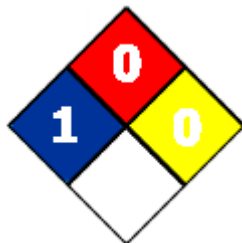
U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
EDTA disodium salt, dihydrate 6381-92-6	Not Established	Not Established	Not Established
DPD Sulfate 6283-63-2	Not Established	Not Established	Not Established
Potassium iodide 7681-11-0	Not Established	Not Established	Not Established
Buffer salts	Not Established	Not Established	Not Established

CPSC (Consumer Product Safety Commission) - Specially Regulated Substances

16. OTHER INFORMATION

NFPA Health hazard 1 Flammability 0 Instability 0 Physical and Chemical Hazards N/A



Prepared by

Issuing Date

Revision Date

Reason for revision

Disclaimer

Regulatory Affairs Department

Feb-02-2015

Apr-01-2016

(M)SDS sections updated 2 4 10 12 16

The information provided on this SDS 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 Safety Data Sheet