



MATERIAL SAFETY DATA SHEET

CHLORDIOX BUFFER TABLETS

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

PRODUCT NAME	CHLORDIOX BUFFER TABLETS
PRODUCT NO.	X-063
PRODUCT USE	TESTING WATER
SUPPLIER	PALINTEST USA 21 KENTON LANDS ROAD ERLANGER KENTUCKY 41018 USA TEL 859 341 7423 TOLL FREE 800 835 9629 FAX 859 341 2106 INFO@palintestusa.com
EMERGENCY TELEPHONE	0191 491 0808 (Mon-Fri 08:45 - 16:45)
IDENTIFICATION No.	3262

2 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Irritating and may cause redness and pain.

ROUTE OF ENTRY

Skin and/or eye contact. Ingestion.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Weight
BORACIC ACID		10043-35-3	5-10%
LEUCINE		61-90-5	1-5%
LITHIUM HYDROXIDE	215-183-4	1310-66-3	5-10%
POTASSIUM CHLORIDE		7447-40-7	60-100%

4 FIRST-AID MEASURES

INHALATION

Unlikely route of exposure as the product does not contain volatile substances.

INGESTION

Get medical attention immediately!

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring along these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

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6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Follow precautions for safe handling described in this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Not relevant considering the small amounts used.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Avoid generation and spreading of dust. Transfer to a container for disposal.

7 HANDLING AND STORAGE

HANDLING

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)	STEL (15 min)	Notes
BORACIC ACID	ACGIH	2 mg/m ³	6 mg/m ³	A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4: Not Classifiable as a Human Carcinogen.

PROTECTIVE EQUIPMENT



RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENE MEASURES

Wash promptly if skin becomes contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOR	White
ODOR	Odorless

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

No information available.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

There are no data on the ecotoxicity of this product. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

13 DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

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DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



DOT PROPER SHIPPING NAME	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (LITHIUM HYDROXIDE)		
DOT PROPER SHIPPING NAME	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (LITHIUM HYDROXIDE)		
IDENTIFICATION No.	3262	TUNNEL RESTRICTION CODE	(E)
CEFIC TEC(R) NO.	80GC6-II+III	UN NO. SEA	3262
IMDG CLASS	8	IMDG PACK GR.	III
EMS	F-A, S-B	UN NO. AIR	3262
ICAO CLASS	8	AIR PACK GR.	III

15 REGULATORY INFORMATION

INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
POTASSIUM CHLORIDE	DSL	Yes.						
LITHIUM HYDROXIDE	No.	No.						
LEUCINE	DSL	Yes.						
BORACIC ACID	No.	No.		Yes.				

COMPONENT	TSCA 12(b) Export Notification
POTASSIUM CHLORIDE	No.
LITHIUM HYDROXIDE	No.
LEUCINE	No.
BORACIC ACID	No.

US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
POTASSIUM CHLORIDE		Not Listed	No.
LITHIUM HYDROXIDE		Not Listed	No.
LEUCINE		Not Listed	No.
BORACIC ACID		Not Listed	No.

CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
POTASSIUM CHLORIDE	Not Listed
LITHIUM HYDROXIDE	Not Listed
LEUCINE	Not Listed
BORACIC ACID	Not Listed

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US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
POTASSIUM CHLORIDE	7447-40-7	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
LITHIUM HYDROXIDE	1310-66-3	Not Listed	Not Listed	Not Listed	Yes.	Yes.	Not Listed	Not Listed
LEUCINE	61-90-5	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
BORACIC ACID	10043-35-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

16 OTHER INFORMATION

VERSION No. Version 1
SAFETY DATA SHEET STATUS
Approved.
DATE 2 June 10
SIGNATURE D Ellis

DISCLAIMER

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