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YSI YAP268-YPM268
A96057
3/23/11

MATERIAL SAFETY DATA SHEET

CHLORIDOL

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

PRODUCT NAME CHLORIDOL
PRODUCT NO. X-268
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. 1759

2 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION

Unlikely to be hazardous by inhalation because of the low vapor pressure of the substance at ambient temperature. Dust may irritate respiratory system or lungs.

INGESTION

Harmful if swallowed.

SKIN CONTACT

May cause sensitization by skin contact. Causes burns.

EYE CONTACT

Causes burns.

ROUTE OF ENTRY

Ingestion. Skin and/or eye contact.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Weight
BORACIC ACID		10043-35-3	30-60%
POTASSIUM HYDROGENSULPHATE	231-594-1	7646-93-7	10-30%
POTASSIUM PERSULPHATE	231-781-8	7727-21-1	10-30%
SILVER NITRATE	231-853-9	7761-88-8	1-5%
SODIUM HYDROGEN CARBONATE	205-633-8	144-55-8	10-30%

4 FIRST-AID MEASURES

INHALATION

Unlikely route of exposure as the product does not contain volatile substances. Move injured person into fresh air and keep person calm under observation. If necessary, seek hospital and bring these instructions.

INGESTION

Get medical attention immediately! Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

SKIN CONTACT

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

CHLORIDOL

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

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

ENVIRONMENTAL PRECAUTIONS

Do not allow ANY environmental contamination.

SPILL CLEAN UP METHODS

Avoid generation and spreading of dust. Collect in containers and seal securely. Containers with collected spillage must be properly labeled with correct contents and hazard symbol. For waste disposal, see section 13.

7 HANDLING AND STORAGE

HANDLING

Read and follow manufacturer's recommendations. Do not handle broken packages without protective equipment. Avoid contact with skin and eyes.

STORAGE

Keep in original container. Store in a cool and well-ventilated place.

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
POTASSIUM PERSULPHATE	ACGIH		0,1 mg/m ³			as persulfate
SILVER NITRATE	ACGIH		0,01 mg/m ³			as Ag
SILVER NITRATE	PEL		0,01 mg/m ³			as Ag
COMPONENT						IDLH
SILVER NITRATE						10 mg/m ³

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

Goggles/face shield are recommended.

HYGIENE MEASURES

Wash promptly if skin becomes contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOR	Cream
ODOR	Odorless

CHLORIDOL

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

11 TOXICOLOGICAL INFORMATION

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment: May cause long-term adverse effects in the aquatic 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.

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION



DOT PROPER SHIPPING NAME	CORROSIVE SOLID, N.O.S. (POTASSIUM HYDROGENSULPHATE, SILVER NITRATE)		
DOT PROPER SHIPPING NAME	CORROSIVE SOLID, N.O.S. (POTASSIUM HYDROGENSULPHATE, SILVER NITRATE)		
IDENTIFICATION No.	1759	TUNNEL RESTRICTION CODE	(E)
CEPIC TEC(R) NO.	80GC10-II+III	UN NO. SEA	1759
IMDG CLASS	8	IMDG PACK GR.	II
EMS	F-A, S-B	UN NO. AIR	1759
ICAO CLASS	8	AIR PACK GR.	II

15 REGULATORY INFORMATION

INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
SILVER NITRATE	DSL	Yes.						
POTASSIUM HYDROGENSULPHATE	DSL	Yes.						
SODIUM HYDROGEN CARBONATE	DSL	Yes.						
BORACIC ACID	No.	No.		Yes.				
POTASSIUM PERSULPHATE	DSL	Yes.						

COMPONENT	TSCA 12(b) Export Notification
SILVER NITRATE	No.
POTASSIUM HYDROGENSULPHATE	No.
SODIUM HYDROGEN CARBONATE	No.
BORACIC ACID	No.
POTASSIUM PERSULPHATE	No.

CHLORIDOL

US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
SILVER NITRATE		No RQ assigned	No.
POTASSIUM HYDROGENSULPHATE		Not Listed	No.
SODIUM HYDROGEN CARBONATE		Not Listed	No.
BORACIC ACID		Not Listed	No.
POTASSIUM PERSULPHATE		Not Listed	No.

CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
SILVER NITRATE	Not Listed
POTASSIUM HYDROGENSULPHATE	Not Listed
SODIUM HYDROGEN CARBONATE	Not Listed
BORACIC ACID	Not Listed
POTASSIUM PERSULPHATE	Not Listed

US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
SILVER NITRATE	7761-88-8	Not Listed	Yes.	Yes.	Yes.	Yes.	Yes.	Yes.
POTASSIUM HYDROGENSULPHATE	7646-93-7	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
SODIUM HYDROGEN CARBONATE	144-55-8	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
POTASSIUM PERSULPHATE	7727-21-1	Not Listed	Yes.	Yes.	Not Listed	Yes.	Yes.	Yes.

16 OTHER INFORMATION

VERSION No. 1

SAFETY DATA SHEET STATUS

Approved.

DATE 23 March 2010

SIGNATURE D Ellis

DISCLAIMER

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