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YSI YAT1707
A96095
3/23/11

MATERIAL SAFETY DATA SHEET

AMMONIA SEA WATER CONDITIONING POWDER

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME AMMONIA SEA WATER CONDITIONING POWDER
PRODUCT NO. X-170
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. 2680

2 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION

Dust may irritate respiratory system or lungs.

INGESTION

May cause burns in mucous membranes, throat, esophagus and stomach.

SKIN CONTACT

Causes burns.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Weight
LITHIUM HYDROXIDE	215-183-4	1310-66-3	10-30%
SODIUM TARTRATE DIHYDRATE		6106-24-7	60-100%

4 FIRST-AID MEASURES

INHALATION

Remove victim immediately from source of exposure. In case of persistent throat irritation or coughing: Seek medical attention and take along these instructions.

INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. 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

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids.

Get medical attention immediately. Continue to rinse.

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.

AMMONIA SEA WATER CONDITIONING POWDER

SPILL CLEAN UP METHODS

Transfer to a container for disposal. Flush with plenty of water to clean spillage area.

7 HANDLING AND STORAGE

STORAGE

Store in tightly closed original container in a cool, dry well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Occupational

Exposure Limit

EYE PROTECTION

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

HYGIENE MEASURES

Wash promptly with soap & water if skin becomes contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Powder, dust
COLOR	White
ODOR	Odorless
SOLUBILITY	Soluble in water

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

11 TOXICOLOGICAL INFORMATION

12 ECOLOGICAL INFORMATION

ECOTOXICITY

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

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION



DOT PROPER SHIPPING NAME	LITHIUM HYDROXIDE		
DOT PROPER SHIPPING NAME	LITHIUM HYDROXIDE		
IDENTIFICATION No.	2680	TUNNEL RESTRICTION CODE	(E)
CEFIC TEC(R) NO.	80GC6-II+III	UN NO. SEA	2680
IMDG CLASS	8	IMDG PACK GR.	II

AMMONIA SEA WATER CONDITIONING POWDER

EMS F-A, S-B UN NO. AIR 2680
 ICAO CLASS 8 AIR PACK GR. II

15 REGULATORY INFORMATION

INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
LITHIUM HYDROXIDE	No	No						
SODIUM TARTRATE DIHYDRATE	No	No						

COMPONENT	TSCA 12(b) Export Notification
LITHIUM HYDROXIDE	No
SODIUM TARTRATE DIHYDRATE	No

US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
LITHIUM HYDROXIDE		Not Listed	No
SODIUM TARTRATE DIHYDRATE		Not Listed	No

CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
LITHIUM HYDROXIDE	Not Listed
SODIUM TARTRATE DIHYDRATE	Not Listed

US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
LITHIUM HYDROXIDE	1310-66-3	Not Listed	Not Listed	Not Listed	Yes	Yes	Not Listed	Not Listed
SODIUM TARTRATE DIHYDRATE	6106-24-7	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

16 OTHER INFORMATION

VERSION No. 1
 DATE 5 March 2010
 SIGNATURE D Ellis

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