



**MATERIAL SAFETY DATA SHEET**  
**AMMONIA NO 2 TABLETS**

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

PRODUCT NAME                    AMMONIA NO 2 TABLETS  
 PRODUCT NO.                    X-153  
 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**

**INHALATION**

Not relevant at normal room temperatures. When heated, harmful vapors may be formed. Not relevant at normal room temperatures. When heated, corrosive vapors may be formed.

**INGESTION**

Harmful if swallowed.

**SKIN CONTACT**

Causes severe burns.

**EYE CONTACT**

Causes severe burns.

**ROUTE OF ENTRY**

Skin and/or eye contact. Ingestion.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Weight
CALCIUM HYPOCHLORITE	231-908-7	7778-54-3	1-5%
LITHIUM HYDROXIDE	215-183-4	1310-66-3	30-60%
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**

**DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!** Drink plenty of water. Get medical attention immediately!

**SKIN CONTACT**

Wash the skin immediately with soap and water. Get medical attention if irritation persists 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. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**5 FIRE-FIGHTING MEASURES**

# AMMONIA NO 2 TABLETS

## EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

## SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

## UNUSUAL FIRE & EXPLOSION HAZARDS

Not known.

## SPECIFIC HAZARDS

The product is non-combustible. If heated, corrosive vapors may be formed. The product is non-combustible. If heated, harmful vapors may be formed.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Risk of contact: Wear protective gloves and goggles/face shield.

### ENVIRONMENTAL PRECAUTIONS

Not relevant considering the small amounts used. Do not allow ANY environmental contamination.

### SPILL CLEAN UP METHODS

Should be prevented from entering drains.

## 7 HANDLING AND STORAGE

### HANDLING

Avoid contact with skin and eyes.

### STORAGE

Store in closed original container in a dry place.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation. No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

### RESPIRATORY EQUIPMENT

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

### HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash.

### EYE PROTECTION

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

### OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination.

### HYGIENE MEASURES

Wash promptly with soap & water if skin becomes contaminated.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

COLOR	White
ODOR	Odorless
SOLUBILITY	Soluble in water.

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid contact with acids and oxidizing substances.

# AMMONIA NO 2 TABLETS

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Toxic gases/vapors/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

## 11 TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION**

No information available.

## 12 ECOLOGICAL INFORMATION

**ECOTOXICITY**

The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

## 13 DISPOSAL CONSIDERATIONS

**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, CALCIUM HYPOCHLORITE)		
ROAD TRANSPORT NOTES	Not Classified		
RAIL TRANSPORT NOTES	Not classified.		
SEA TRANSPORT NOTES	Not classified.		
AIR TRANSPORT NOTES	Not classified.		
DOT PROPER SHIPPING NAME	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (LITHIUM HYDROXIDE, CALCIUM HYPOCHLORITE)		
IDENTIFICATION No.	3262	TUNNEL RESTRICTION CODE	(E)
CEFIC TEC(R) NO.	80GC6-II+III	UN NO. SEA	3262
IMDG CLASS	8	IMDG PACK GR.	II
EMS	F-A, S-B	UN NO. AIR	3262
ICAO CLASS	8	AIR PACK GR.	II

## 15 REGULATORY INFORMATION

**INVENTORIES**

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
CALCIUM HYPOCHLORITE	DSL	Yes.						
POTASSIUM CHLORIDE	DSL	Yes.						
LITHIUM HYDROXIDE	No.	No.						

COMPONENT	TSCA 12(b) Export Notification
CALCIUM HYPOCHLORITE	No.
POTASSIUM CHLORIDE	No.
LITHIUM HYDROXIDE	No.

## AMMONIA NO 2 TABLETS

### US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
CALCIUM HYPOCHLORITE		10 lbs	No.
POTASSIUM CHLORIDE		Not Listed	No.
LITHIUM HYDROXIDE		Not Listed	No.

### CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
CALCIUM HYPOCHLORITE	Not Listed
POTASSIUM CHLORIDE	Not Listed
LITHIUM HYDROXIDE	Not Listed

### US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
CALCIUM HYPOCHLORITE	7778-54-3	Not Listed	Yes.	Yes.	Not Listed	Yes.	Yes.	Yes.
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

### 16 OTHER INFORMATION

VERSION No. 1

SAFETY DATA SHEET STATUS

Approved.

DATE 10 November 2009

SIGNATURE D Ellis

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