



**MATERIAL SAFETY DATA SHEET**

**NITRICOL TABLETS**

**1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME NITRICOL TABLETS  
 PRODUCT NO. X109  
 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. 2509

**2 HAZARDS IDENTIFICATION**

Causes eye burns Causes skin burns May cause allergic skin reaction

**POTENTIAL HEALTH EFFECTS**

**INHALATION**

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

**INGESTION**

Causes burns. May cause chemical burns in mouth and throat. May cause stomach pain or vomiting.

**SKIN CONTACT**

May cause sensitization by skin contact.

**EYE CONTACT**

Causes burns.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Weight
BORACIC ACID		10043-35-3	60-100%
N-1-NAPHTHYETHYLENE DIAMINE DIHYDROCHLORIDE	215-981-2	1465-25-4	< 1%
POTASSIUM HYDROGENSULPHATE	231-594-1	7646-93-7	10-30%
SODIUM HYDROGEN CARBONATE	205-633-8	144-55-8	1-5%
SULPHANILIC ACID	204-482-5	121-57-3	5-10%

**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! Rinse mouth thoroughly. Get medical attention immediately!

**SKIN CONTACT**

Rinse the skin immediately with lots of 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. Continue to rinse for at least 15 minutes and get medical attention.

# NITRICOL TABLETS

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

## 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

No specific clean-up procedure noted.

## 7 HANDLING AND STORAGE

### STORAGE

Keep in original container.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
BORACIC ACID	ACGIH		2 mg/m3		6 mg/m3	A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classified as a Human Carcinogen

### PROTECTIVE EQUIPMENT



### HAND PROTECTION

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

### 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	Solid
COLOR	White
ODOR	Odorless
SOLUBILITY	Soluble in water.

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

### HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

No information available.

## 12 ECOLOGICAL INFORMATION

## NITRICOL TABLETS

### 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	POTASSIUM HYDROGEN SULPHATE		
DOT PROPER SHIPPING NAME	POTASSIUM HYDROGEN SULPHATE		
IDENTIFICATION No.	2509	TUNNEL RESTRICTION CODE	(E)
CEFIC TEC(R) NO.	80GC2-II+III	UN NO. SEA	2509
IMDG CLASS	8	IMDG PAGE NO.	8108-2
IMDG PACK GR.	II	EMS	F-A, S-B
MFAG	320	MARINE POLLUTANT	No.
UN NO. AIR	2509	ICAO CLASS	8
AIR PACK GR.	II		

### 15 REGULATORY INFORMATION

#### INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
POTASSIUM HYDROGENSULPHATE	DSL	Yes						
SODIUM HYDROGEN CARBONATE	DSL	Yes						
BORACIC ACID	No	No		Yes				
SULPHANILIC ACID	DSL	Yes						
N-1-NAPHTHYETHYLENE DIAMINE DIHYDROCHLORIDE	DSL	Yes						

COMPONENT	TSCA 12(b) Export Notification
POTASSIUM HYDROGENSULPHATE	No
SODIUM HYDROGEN CARBONATE	No
BORACIC ACID	No
SULPHANILIC ACID	No
N-1-NAPHTHYETHYLENE DIAMINE DIHYDROCHLORIDE	No

#### US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
POTASSIUM HYDROGENSULPHATE		Not Listed	No
SODIUM HYDROGEN CARBONATE		Not Listed	No
BORACIC ACID		Not Listed	No
SULPHANILIC ACID		Not Listed	No
N-1-NAPHTHYETHYLENE DIAMINE DIHYDROCHLORIDE		Not Listed	No

