



**MATERIAL SAFETY DATA SHEET**

**CALCICOL 1**

**1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME                      CALCICOL 1  
 PRODUCT NO.                        X-252  
 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)

**2 HAZARDS IDENTIFICATION**

**POTENTIAL HEALTH EFFECTS**

**INHALATION**  
 Dust in high concentrations may irritate the respiratory system.

**INGESTION**  
 May cause discomfort if swallowed.

**SKIN CONTACT**  
 Powder may irritate skin.

**EYE CONTACT**  
 Particles in the eyes may cause irritation and smarting.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Weight
IMINO DIACETIC ACID		142-73-4	< 1%
LACTOSE		63-42-3	60-100%
LEUCINE		61-90-5	5-10%
MUREXIDE		3051-09-0	< 1%

**4 FIRST-AID MEASURES**

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

**INGESTION**  
 Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

**SKIN CONTACT**  
 Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water.  
 Get medical attention if any discomfort continues.

**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**

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

# CALCICOL 1

## 6 ACCIDENTAL RELEASE MEASURES

### SPILL CLEAN UP METHODS

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

## 7 HANDLING AND STORAGE

### HANDLING

Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation.

### STORAGE

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

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT



### 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	Pink
ODOR	Odorless
SOLUBILITY	Soluble in water

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

### CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

No information available.

## 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

### TRANSPORT NOTES

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**CALCICOL 1**

ROAD TRANSPORT NOTES                      Not Classified  
 RAIL TRANSPORT NOTES                      Not Classified.  
 SEA TRANSPORT NOTES                      Not Classified.  
 AIR TRANSPORT NOTES                      Not Classified.

**15 REGULATORY INFORMATION**

INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
LACTOSE	DSL	Yes						
LEUCINE	DSL	Yes						
MUREXIDE	DSL	Yes						
IMINO DIACETIC ACID	DSL	Yes						

COMPONENT	TSCA 12(b) Export Notification
LACTOSE	No
LEUCINE	No
MUREXIDE	No
IMINO DIACETIC ACID	No

US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
LACTOSE		Not Listed	No
LEUCINE		Not Listed	No
MUREXIDE		Not Listed	No
IMINO DIACETIC ACID		Not Listed	No

CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
LACTOSE	Not Listed
LEUCINE	Not Listed
MUREXIDE	Not Listed
IMINO DIACETIC ACID	Not Listed

US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
LACTOSE	63-42-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
LEUCINE	61-90-5	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
MUREXIDE	3051-09-0	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
IMINO DIACETIC ACID	142-73-4	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	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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### DISCLAIMER

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