



**MATERIAL SAFETY DATA SHEET**  
**SODIUM NITRITE (DPD NITRITE)**

**1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME SODIUM NITRITE (DPD NITRITE)  
 PRODUCT NO. X-060  
 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**

HUMAN HEALTH

Contains a substance/a group of substances which may impair fertility. Contains a substance/a group of substances which may cause harm to the unborn child.

**POTENTIAL HEALTH EFFECTS**

GENERAL INFORMATION

Knowledge about health hazard is incomplete. Known or suspected carcinogen for humans. Known or suspected mutagen. Possible reproductive impact.

INHALATION

Dust in high concentrations may irritate the respiratory system.

INGESTION

Harmful if swallowed.

SKIN CONTACT

Skin irritation is not anticipated when used normally.

EYE CONTACT

Particles in the eyes may cause irritation and smarting.

ROUTE OF ENTRY

Ingestion. Skin and/or eye contact.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Weight
POTASSIUM CHLORIDE		7447-40-7	60-100%
SODIUM NITRITE	231-555-9	7632-00-0	1-5%

**4 FIRST-AID MEASURES**

INHALATION

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

INGESTION

Immediately rinse mouth and drink plenty of water. Call an ambulance and take these instructions.

SKIN CONTACT

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

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Take along these instructions.

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## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials. The product is non-combustible.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

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

### ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains.

### SPILL CLEAN UP METHODS

Avoid generation and spreading of dust. Collect in containers and seal securely. Wash contaminated area with water.

## 7 HANDLING AND STORAGE

### HANDLING

Read and follow manufacturer's recommendations. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

### STORAGE

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

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 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

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 / off-white
ODOR	Odorless

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

## 11 TOXICOLOGICAL INFORMATION

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

There are no data on the ecotoxicity of this product. The product is not expected to be toxic to aquatic organisms. 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.

## SODIUM NITRITE (DPD NITRITE)

### 14 TRANSPORT INFORMATION

**TRANSPORT NOTES**

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

### 15 REGULATORY INFORMATION

**INVENTORIES**

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
SODIUM NITRITE	DSL	Yes						
POTASSIUM CHLORIDE	DSL	Yes						

COMPONENT	TSCA 12(b) Export Notification
SODIUM NITRITE	No
POTASSIUM CHLORIDE	No

**US FEDERAL REGULATIONS**

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
SODIUM NITRITE		100 lbs	1.0 %
POTASSIUM CHLORIDE		Not Listed	No

**CLEAN AIR ACT**

COMPONENT	CAA Accidental Release Prevention
SODIUM NITRITE	Not Listed
POTASSIUM CHLORIDE	Not Listed

**US STATE REGULATIONS**

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
SODIUM NITRITE	7632-00-0	Not Listed	Not Listed	Yes	Not Listed	Yes	Yes	Not Listed
POTASSIUM CHLORIDE	7447-40-7	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 5 May 2010

SIGNATURE D Ellis

**DISCLAIMER**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.