MATERIAL SAFETY DATA SHEET

SO D IUM 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 0608 (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

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Weight</th>
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<tbody>
<tr>
<td>POTASSIUM CHLORIDE</td>
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<td>7447-40-7</td>
<td>60-100%</td>
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<tr>
<td>SODIUM NITRITE</td>
<td>231-555-9</td>
<td>7632-00-0</td>
<td>1-5%</td>
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</table>

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.
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.
### 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

<table>
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<tr>
<th>COMPONENT</th>
<th>CAN</th>
<th>US</th>
<th>EU</th>
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<table>
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#### US FEDERAL REGULATIONS

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#### CLEAN AIR ACT

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#### US STATE REGULATIONS

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### 16 OTHER INFORMATION

**VERSION No.** 1

**SAFETY DATA SHEET STATUS**
Approved.

**DATE** 5 May 2010

**SIGNATURE** D Ellis

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**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.