

AMERICAN MONITOR CORPORATION
5425 West 84th Street
Indianapolis, IN 46268
800-428-1437

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

Product Name: Bilirubin Sodium Nitrite

Catalog Number: 9004-01

HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS No.</u>
Sodium Nitrite	7632-00-0

*Ingredients not precisely identified are considered proprietary

The hazardous ingredients listed above are contained in this reagent in a diluted form. The attached Material Safety Data Sheet (MSDS) has, by necessity, been generated for the undiluted chemical ingredient. The user should bear in mind that this reagent would likely pose a lesser health threat because these ingredients are diluted. However, as always, good laboratory practice should be observed when handling chemicals in any form.

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SECTION I - INGREDIENT

Chemical Identification:

Chemical Name: Sodium nitrite

CAS No.: 7632-00-0

Common Synonyms:

PRECAUTIONARY LABELING

Hazard Rating: (Code: 0 = none; 1 = slight; 2 = moderate; 3 = severe; 4 = extreme)

Health: 2 Flammability: 0 Reactivity: 3 Contact: 2

Laboratory Protective Equipment: Chemical safety glasses, protective lab coat

Precautionary Label Statements: FOR IN VITRO DIAGNOSTIC USE ONLY!

STRONG OXIDIZER - CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE

SECTION II - PHYSICAL DATA

Boiling Point: 320°C Melting Point: 271°C

Specific Gravity: 2.17 Evaporation Rate: N/A

Solubility in Water: Soluble Percent Volatiles (Vol.%): N/A

Vapor Pressure: N/A Vapor Density: N/A

Appearance & Odor: White to yellow-white crystalline granules, odorless

pH: N/A

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SECTION III - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Explodes @ 1000°F Flammable Limits: N/A

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Special Fire Fighting Procedures: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full faceplate.

Toxic Gases Produced: Produces nitrogen oxides > 1000°F

SECTION IV - HEALTH HAZARD DATA

Toxicity: LD₅₀ oral (rat) = 85 mg/kg

Exposure Limit: TLV; None indicated

Effects of Overexposure: Ingestion may cause irritation and burning to mouth and stomach.

SECTION V - EMERGENCY AND FIRST AID PROCEDURES

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON!

Ingestion: If swallowed, immediately induce vomiting.

Inhalation: N/A

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes. Call a physician.

SECTION VI - REACTIVITY DATA

Stability: Stable Decomposition Products: Oxides of nitrogen

Incompatibles: cyanides, strong acids, strong reducing agents Conditions to Avoid: Shock, friction, heat, flame

SECTION VII - SPILL AND DISPOSAL PROCEDURES

Steps to be taken in the event of a spill or leak: Flush spill area with water.

Disposal procedure: Dispose in accordance with all applicable federal, state, and local environmental regulations

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SECTION VIII- SPECIAL PROTECTION INFORMATION

Ventilation: Use adequate general or local exhaust ventilation to keep vapor or dust levels as low as possible.

Respiratory Protection: None required in normal use where adequate ventilation conditions exist.

Eye/Skin Protection: Chemical safety glasses, protective laboratory coat, and proper gloves are recommended.

SECTION IX - STORAGE AND HANDLING PRECAUTIONS

Other precautions: This compound is contained in a kit reagent. Observe storage and all other directions specified in the package insert.

SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION

Domestic (D.O.T.):

Proper Shipping Name: Chemicals, n.o.s.

International (I.M.O.):

Proper Shipping Name: Chemicals, n.o.s.

N/A = Not Applicable or Not Available

The information published in this Material Safety Data Sheet (MSDS) has been compiled in good faith from our experience and data presented in various technical publications and is presented without guaranty. American Monitor Corporation makes no representation as to the accuracy of the information contained in this MSDS. While the information is believed to be correct, the user should perform his own investigation and independent verification. It is also the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions. We reserve the right to revise Material Safety Data Sheets periodically as new information becomes available.

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