

**Order
Number**
**Customer
Number**
1. Identification of the substance/preparation and of the company/undertaking
Product name : 7-Nitroindazole, Sodium Salt

Catalog # : 484500

Chemical formula : C₇H₄N₃O₂ · Na

Supplier : Manufactured by EMD Biosciences, Inc.
10394 Pacific Center Court
San Diego, CA 92121
(858)450-5558/(800)854-3417
FAX: (858)453-3552

Synonym : 7-NiNa

**Emergency
telephone number** : **Call Chemtrec[®]**
(800)424-9300 (within U.S.A.)
(703)527-3887 (outside U.S.A.)
2. Composition / information on ingredients
Substance/Preparation : Substance

Chemical name*
CAS No.
EC Number
Symbol
R-Phrases

1) 7-NiNa

N/A

Not available.

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R40, R60

3. Hazards identification
Physical/chemical hazards : Not applicable.

Human health hazards : CAUTION!
POSSIBLE BIRTH DEFECT HAZARD.
MAY CAUSE BIRTH DEFECTS BASED ON ANIMAL DATA.
MAY CAUSE HERITABLE GENETIC EFFECTS BASED ON ANIMAL DATA.

4. First-aid measures
First-Aid measures
Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin Contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Eye Contact : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Aggravating conditions : Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

5. Fire-fighting measures
Flammability of the Product : May be combustible at high temperature.

Extinguishing Media
Suitable : SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Hazardous thermal (de)composition products : These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...). Some metallic oxides.

Special fire-fighting procedures : Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Protection of fire-fighters : Be sure to use an approved/certified respirator or equivalent.

6. Accidental release measures

- Personal precautions** : Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
- Small Spill and Leak** : Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
- Large Spill and Leak** : Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system

7. Handling and storage

- Handling** : Keep locked up. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible. Keep away from incompatibles such as oxidizing agents, acids.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 4°C (39.2°F).
- Packaging materials**
- Recommended use** : Use original container.

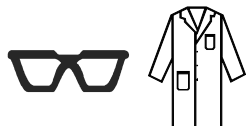
8. Exposure controls/personal protection

- Engineering measures** : Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
- Hygiene measures** : Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.

<u>Ingredient Name</u>	<u>Occupational Exposure Limits</u>
1) 7-Nitroindazole, Sodium Salt	Not available.

Personal protective equipment

- Skin and body** : Lab coat.
- Eyes** : Safety glasses.
- Protective Clothing (Pictograms)** :



9. Physical and chemical properties

- Physical state** : Solid.
- Color** : Yellow to red. (Light.)
- Molecular Weight** : 185.1 g/mole
- Melting Point** : 185°C (365°F)
- Solubility** : Soluble in methanol.
- Flash point** : Not available.
- Explosive properties** : Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.

10. Stability and reactivity

- Stability** : The product is stable.
- Conditions to avoid** : Sensitive to light.
- Materials to avoid** : Reactive with oxidizing agents, acids.
- Hazardous Decomposition Products** : These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...). Some metallic oxides.

11. Toxicological information

RTECS # : N/A

Local effects

Skin irritation : Not available.

Acute toxicity : LD50: Not available.
LC50: Not available.

Chronic toxicity	: Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.
Other Toxic Effects on Humans	: Not available. No specific information is available in our database regarding the other toxic effects of this material for humans. Laboratory experiments have shown mutagenic effects. May cause congenital malformations in the foetus. To the best of our knowledge, the toxicological properties of this product have not been thoroughly investigated.
Specific effects	
Carcinogenic effects	: Not available.
Mutagenic effects	: Classified POSSIBLE for human.
Reproduction toxicity	: Not available.
Teratogenic effects	: Classified POSSIBLE for human.

12. Ecological information

Ecotoxicity	: Not available.
Toxicity of the Products of Biodegradation	: The product itself and its products of degradation are not toxic.


13. Disposal considerations

Methods of disposal; Waste of residues; Contaminated packaging	: Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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14. Transport information

International transport regulations	
Land - Road/Railway	
ADR/RID Class	: Not controlled under ADR (Europe).
Sea	
IMDG Class	: Not controlled under IMDG.
Air	
IATA-DGR Class	: Not controlled under IATA.
Special Provisions for Transport	: Not applicable.

15. Regulatory information

EU Regulations	
Hazard symbol(s)	: 
Classification	: Toxic
Risk Phrases	: R68- Possible risks of irreversible effects. R60- May impair fertility.
Safety Phrases	: S22- Do not breathe dust. S36/37/39- Wear suitable protective clothing, gloves and eye/face protection. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S53- Avoid exposure - obtain special instructions before use.
Contains	: - 7-Nitroindazole, Sodium Salt
U.S. Federal Regulations	
	: TSCA: No products were found. SARA 302/304/311/312 extremely hazardous substances: No products were found. SARA 302/304 emergency planning and notification: No products were found. SARA 302/304/311/312 hazardous chemicals: No products were found. SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found. SARA 313 toxic chemical notification and release reporting: No products were found. Clean Water Act (CWA) 307: No products were found. Clean Water Act (CWA) 311: No products were found. Clean air act (CAA) 112 accidental release prevention: No products were found. Clean air act (CAA) 112 regulated flammable substances: No products were found. Clean air act (CAA) 112 regulated toxic substances: No products were found.
HCS Classification	: Not controlled under the HCS (United States).

WHMIS (Canada)

: Not controlled under WHMIS (Canada).
No products were found.

16. Other information

**Hazardous Material
Information System
(U.S.A.)**

Health	0
Fire Hazard	1
Reactivity	0
Personal Protection	a

**National Fire
Protection
Association (U.S.A.)**



Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Catalog # 484500	Date of issue 3/25/2003.	Page: 4/4
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