



## MEDICAL ISOTOPES, Inc.

100 Bridge Street, Pelham, NH 03076, USA

Tel: (603) 635-2255 Fax: (603) 635-2448

E-mail: [info@medicalisotopes.com](mailto:info@medicalisotopes.com) Internet: [www.medicalisotopes.com](http://www.medicalisotopes.com)

### SAFETY DATA SHEET

#### SECTION 1. Identification

**Product:**

Product Name: 3,4-Diaminopyridine  
Catalog number: 45258

**Supplier:**

Medical Isotopes, Inc.  
100 Bridge Street  
Pelham, NH 03076, USA  
Tel: +1-603-635-2255 Fax: +1-603-635-2448  
Email: [info@medicalisotopes.com](mailto:info@medicalisotopes.com)

**Suitability:**

For laboratory use only.

**Emergency Contact Information:**

Call Infotrac 24/7  
DOMESTIC NORTH AMERICA 1-800-535-5053 (United States, Canada, Mexico)  
INTERNATIONAL, CALL 1-352-323-3500

#### SECTION 2. Hazard(s) identification

**Hazard classification:**

Acute toxicity, Oral (Category 2), H300  
Acute toxicity, Inhalation (Category 2), H330  
Acute toxicity, Dermal (Category 3), H311  
Eye irritation (Category 2A), H319

**Signal Word:**

Danger

**Hazard Statements:**

H300 + H330 Fatal if swallowed or if inhaled.  
H311 Toxic in contact with skin.  
H319 Causes serious eye irritation.

**Pictogram:**



**Precautionary Statements:**

P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P284 Wear respiratory protection.  
P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
Rinse mouth.  
P302 + P352 + P312 IF ON SKIN: Wash with plenty of water. Call a POISON CENTER/ doctor if you feel unwell.  
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P362 Take off contaminated clothing and wash before reuse.  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards:**

None



## MEDICAL ISOTOPES, Inc.

### SECTION 3. Composition/Information on Ingredients

**Chemical name:**

3,4-Diaminopyridine

**Synonyms:**

N/A

**CAS number:**

54-96-6

**Impurities/Additives:**

N/A

### SECTION 4. FIRST AID MEASURES

**Skin Contact:** Wash with soap and water for several minutes. Consult a physician.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Inhalation:** Remove from exposure and move to fresh air immediately. Consult a physician.

**Eye Contact:** Rinse thoroughly with plenty of water. Consult a physician.

### SECTION 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media**

Use water spray, foam, dry chemical or carbon dioxide.

**Special protective equipment for firefighters**

Wear self-contained breathing apparatus for fire-fighting if necessary.

**Hazardous combustion products:** Carbon oxides, nitrogen oxides.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Make sure to wear appropriate protective equipment as listed in section 8. Avoid breathing dust, vapors, or mists.

**Spill Clean-up Methods:** Clean up spills immediately, observing precautions in the Protective Equipment section. Cover with a non-combustible material (e.g., sand, earth, diatomaceous earth), sweep up, and place into a suitable container for disposal. Avoid breathing the resulting dust.

### SECTION 7. HANDLING & STORAGE

**Usage/Handling Precautions:** Make sure to wear appropriate PPE as listed in section 8. Avoid contact with skin and eyes.

**Storage Conditions:** Keep tightly closed and store at room temperature.

### SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**Engineering Controls:** Use fume hood if available.

**Personal Protective Equipment**

**Eyes:** Always wear safety glasses when working with chemicals. Wear chemical goggles when working with liquids.

**Skin:** Wear protective gloves and a lab coat to prevent skin exposure.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Beige solid

**Odor:** N/A

**pH:** N/A

**Melting Point:** N/A

**Water Solubility (%):** N/A

**Flash Point (°C):** N/A

**Vapor pressure:** N/A

**Autoignition Temperature (°C):** N/A

**Flammability Limits in Air (% by Vol.):** N/A

### SECTION 10. STABILITY & REACTIVITY

**Reactivity:** N/A

**Chemical Stability:** Stable under recommended storage conditions

**Conditions to Avoid:** Strong oxidizing agents.

### SECTION 11. TOXICOLOGICAL INFORMATION



## **MEDICAL ISOTOPES, Inc.**

**Inhalation:** N/A

**Ingestion:** LD50 Oral - Rat - 47 mg/kg

**Skin and eye contact:** LD50 Dermal - Rabbit - > 200 mg/kg

**Other:** N/A

### **SECTION 12. ECOLOGICAL INFORMATION**

N/A

### **SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal Procedures:** Via licensed disposal company. Dispose of according to federal, state/province and local regulations.

### **SECTION 14. TRANSPORT INFORMATION**

#### **DOT (US)**

UN number: 2811 Class: 6.1 Packing group: II

Proper shipping name: Toxic solids, organic, n.o.s. (3,4-Diaminopyridine)

#### **IMDG**

UN number: 2811 Class: 6.1 Packing group: II

Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (3,4-Diaminopyridine)

#### **IATA**

UN number: 2811 Class: 6.1 Packing group: II

Proper shipping name: Toxic solid, organic, n.o.s. (3,4-Diaminopyridine)

### **SECTION 15. REGULATORY INFORMATION**

N/A

### **SECTION 16. OTHER INFORMATION**

Preparation information: Last revised on: 07/16/2022.

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. MEDICAL ISOTOPES, INC. SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.