



## MEDICAL ISOTOPES, Inc.

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### SAFETY DATA SHEET

#### SECTION 1. Identification

**Product:**

Product Name: iso-Propyl-d7-amine  
Catalog number: D480

**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 Chemtrec 24/7  
DOMESTIC NORTH AMERICA 800-424-9300  
INTERNATIONAL, CALL 703-527-3887 (collect calls accepted)

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

**Hazard classification:**

Flammable liquids (Category 1), H224  
Acute toxicity, Oral (Category 3), H301  
Acute toxicity, Inhalation (Category 3), H331  
Acute toxicity, Dermal (Category 3), H311  
Skin corrosion (Category 1A), H314  
Serious eye damage (Category 1), H318  
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335  
Acute aquatic toxicity (Category 3), H402

**Signal Word:**

Danger

**Hazard Statements:**

H224 Extremely flammable liquid and vapour.  
H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.  
H402 Harmful to aquatic life.

**Pictogram:**



**Precautionary Statements:**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ 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.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth.  
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.



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P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.  
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.  
P362 Take off contaminated clothing and wash before reuse.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards:

None

### SECTION 3. Composition/Information on Ingredients

#### Chemical name:

iso-Propyl-d7-amine

#### Synonyms:

N/A

#### CAS number:

106658-10-0

#### 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:** Refrigerator 2-8°C

### 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:** Liquid

**Odor:**N/A

SDS



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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

Inhalation: LC50 Inhalation – Rat - 4 h - 8.7 mg/l  
Ingestion: LD50 Oral - Rat - 170 mg/kg  
Skin - Rabbit  
Result: Causes severe burns. - 3 min  
Serious eye damage/eye irritation  
Eyes - Rabbit  
Result: Corrosive - 24 h  
Other: N/A

### SECTION 12. ECOLOGICAL INFORMATION

Toxicity Toxicity to fish  
LC50 - Salmo salar (Atlantic salmon) - 40 mg/l - 96 h  
  
Toxicity to daphnia and other aquatic invertebrates  
EC50 - Daphnia magna (Water flea) - 47.4 mg/l - 48 h  
  
Toxicity to algae  
static test EC50 - Desmodesmus subspicatus (Scenedesmus subspicatus) -  
18.9 mg/l - 72 h  
  
Toxicity to bacteria  
Respiration inhibition EC50 - activated sludge - > 1,000 mg/l - 30 min

### 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: 1221 Class: 3 (8) Packing group: I  
Proper shipping name: Isopropylamine  
Reportable Quantity (RQ):  
Poison Inhalation Hazard: No  
  
IMDG  
UN number: 1221 Class: 3 (8) Packing group: I EMS-No: F-E, S-C  
Proper shipping name: ISOPROPYLAMINE  
  
IATA  
UN number: 1221 Class: 3 (8) Packing group: I  
Proper shipping name: Isopropylamine

### SECTION 15. REGULATORY INFORMATION

N/A



**SECTION 16. OTHER INFORMATION**

Preparation information: Last revised on: 5/29/18

HMIS Rating

Health hazard: 3

Chronic Health Hazard:

Flammability: 4

Physical Hazard 0

NFPA Rating

Health hazard: 3

Fire Hazard: 4

Reactivity Hazard: 0

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.