



MEDICAL ISOTOPES, Inc.

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SAFETY DATA SHEET

SECTION 1. Identification

Product:

Product Name: Atrazine-d₅
Catalog number: D1406

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

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

Skin sensitization (Category 1), H317
Specific target organ toxicity - repeated exposure (Category 2), H373
Short-term (acute) aquatic hazard (Category 1), H400
Long-term (chronic) aquatic hazard (Category 1), H410

Signal Word:

Warning.

Hazard Statements:

H317 May cause an allergic skin reaction.
H373 May cause damage to organs through prolonged or repeated exposure.
H410 Very toxic to aquatic life with long lasting effects.

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.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing.
P284 Wear respiratory protection.
P301 + P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P310 Immediately call a POISON CENTER/ doctor.
P320 Specific treatment is urgent (see supplemental first aid instructions on this label).
P330 Rinse mouth.
P361 Remove/ Take off immediately all contaminated clothing.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.
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

SECTION 3. Composition/Information on Ingredients



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Chemical name:Atrazine-d₅**Synonyms:**

N/A

CAS number:

163165-75-1.

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, hydrogen chloride gas.**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:** Hygroscopic, store under inert gas 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:** 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:** Oxidizing agents.**SECTION 11. TOXICOLOGICAL INFORMATION****Inhalation:** -LC50 Inhalation - Rat - 4 h - > 5.1 mg/l - dust/mist**Ingestion:** LD50 Oral - Rat - 3,090 mg/kg



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Skin and eye contact: LD50 Dermal - Rat - > 2,000 mg/kg

Other: N/A

SECTION 12. ECOLOGICAL INFORMATION

Toxicity to fish: flow-through test LC50 - Cyprinodon variegatus (sheepshead minnow) - 13 mg/l - 96 h

Toxicity to algae: Growth inhibition EC50 - Scenedesmus capricornutum (fresh water algae) - 0.043 mg/l - 72 h

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)

Not dangerous goods

IMDG

UN number: 3077 Class: 9 Packing group: III

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Atrazine-d₅)

IATA

UN number: 3077 Class: 9 Packing group: III

Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Atrazine-d₅)

SECTION 15. REGULATORY INFORMATION

N/A

SECTION 16. OTHER INFORMATION

Preparation information: Last revised on 09/26/2022.

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