



## MEDICAL ISOTOPES, Inc.

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### SAFETY DATA SHEET

#### SECTION 1. Identification

**Product:**

Product Name: Chloroxuron-d6  
Catalog number: D75850

**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:**

GHS Hazards Classification; According to 29 CFR 1910 (OSHA HCS)  
Acute toxicity, Inhalation (Category 4), H332  
Acute aquatic toxicity (Category 1), H400  
Chronic aquatic toxicity (Category 1), H410

**Signal Word:**

Warning

**Hazard Statements:**

GHS Hazards Identification  
H332 Harmful if inhaled.  
H410 Very toxic to aquatic life with long lasting effects.

**Pictogram:****Precautionary Statements:**

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 Call a POISON CENTER or doctor/ physician if you feel unwell.  
P391 Collect spillage.  
P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards:**

None

#### SECTION 3. Composition/Information on Ingredients

**Chemical name:**

Chloroxuron-d6

**Synonyms:**

N/A

**CAS number:**

N/A

**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, HCl 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:** Refrigerator

**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:** Strong oxidizing agents.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Inhalation:** LC50 Inhalation - N/A  
**Ingestion:** LD50 Oral - rat - 3,700 mg/kg  
**Skin and eye contact:** N/A  
**Other:** N/A

**SECTION 12. ECOLOGICAL INFORMATION**

Toxicity to fish  
LC50 - Oncorhynchus mykiss (rainbow trout) - 0.23 mg/l - 96.0 h



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Toxicity to daphnia and other aquatic invertebrates  
EC50 - Daphnia magna (Water flea) - 2.95 mg/l - 48 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 EMS-No: F-A, S-F

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Chloroxuron)

Marine pollutant: Marine pollutant

IATA

UN number: 3077 Class: 9 Packing group: III

Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Chloroxuron)

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

N/A

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

Preparation information: Last revised on: 8/13/18

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