

## MEDICAL ISOTOPES, Inc.

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### SAFETY DATA SHEET

#### SECTION 1. Identification

**Product:**

Product Name: Dodeclonium bromide  
Catalog number: 18606

**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:**

Acute toxicity, Oral (Category 3), H301  
Acute toxicity, Dermal (Category 4), H312  
Skin Corrosion (Category 1B), H314  
Serious eye damage (Category 1), H318  
Acute aquatic toxicity (Category 1), H400  
Chronic aquatic toxicity (Category 1), H410

**Signal Word:**

Danger

**Hazard Statements:**

H301 Toxic if swallowed  
H312 Harmful in contact with skin  
H314 Causes severe skin burns and eye damage  
H410 Very toxic to aquatic life with long lasting effects

**Pictogram:**



**Precautionary Statements:**

P260 Do not breathe dust or mist  
P264 Wash skin thoroughly after handling.  
P273 Avoid release to the environment.  
P301 + P310 If swallowed: Immediately call a poison center or doctor/physician.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.

**Other hazards:**

None

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

**Chemical name:**

Dodeclonium bromide

**Synonyms:**

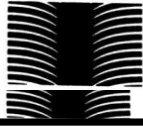
N/A

**CAS number:**

15687-13-5

**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.

**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 in a dry and well-ventilated place. Store at 2-8 °C.

**SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION**

**Engineering Controls:** Use fumehood 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:** White to Off-White 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**

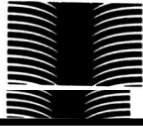
**Reactivity:** N/A  
**Chemical Stability:** Stable under recommended storage conditions  
**Conditions to Avoid:** Strong oxidizing agents.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Inhalation:** LD50 Oral – Mouse – 150 mg/kg  
**Ingestion:** N/A  
**Skin and eye contact:** LD50 Dermal – Rat 1,420 mg/kg  
**Other:** N/A

**SECTION 12. ECOLOGICAL INFORMATION**

Toxicity to fish: mortality LOEC -Oncorhynchus kisutch-17.8 mg/l-3.0 d  
LC50-Lepomis macrochirus-0.31 mg/l-96.0 h  
mortalityNOEC-Oncorhynchus kisutch-10 mg/l-3.0 d



**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: 2923 Class: 8(6.1) Packing group: III  
Proper shipping name: Corrosive solids, toxic, n.o.s. (Dodeclonium bromide)  
Marine pollutant: No  
Poison Inhalation Hazard: No

**IMDG**

UN number: 2923 Class: 8(6.1) Packing group: III  
Proper shipping name: Corrosive solids, toxic, n.o.s. (Dodeclonium bromide)  
Marine pollutant: No

**IATA**

UN number: 2923 Class: 8(6.1) Packing group: III  
Proper shipping name: Corrosive solids, toxic, n.o.s. (Dodeclonium bromide)

**SECTION 15. REGULATORY INFORMATION**

N/A

**SECTION 16. OTHER INFORMATION**

Preparation information: Last revised on 2/19/2016.

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