

Etomoxir sodium salt SDS | MSDS

1.PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** Etomoxir sodium salt
- **Catalog Number:** S8244
- **CAS Number:** 828934-41-4
- **IUPAC Name:** 2-Oxiranecarboxylic acid, 2-[6-(4-chlorophenoxy)hexyl]-, sodium salt (1:1), (2R)-

Relevant identified uses and uses advised against

- **Identified uses:** For research and development use only; laboratory chemicals; manufacture of substances.
- **Uses advised against:** Not for pharmaceutical, household, or other unapproved uses.

Details of the supplier

- **Company :** Selleck Chemicals
- **TollFree :** +1 877 796-6397
- **Tel :** +1 832 582-8158
- **Fax :** +1 832 582-8590

Emergency telephone number

- **Emergency phone #:** +1 832 582-8158

2. HAZARDS IDENTIFICATION

GHS Classification:

Acute toxicity (Oral): Category 3

Pictogram:



Signal Word: Danger

Hazard Statements:

H301: Toxic if swallowed.

Precautionary Statements:

- **Prevention:**
 - P264: Wash skin thoroughly after handling.
 - P270: Do not eat, drink or smoke when using this product.

• **Response:**

- P301 + P310 + P330: IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Rinse mouth.

• **Storage:**

- P405: Store locked up.

• **Disposal:**

- P501: Dispose of contents/ container to an approved waste disposal plant.

Other Hazards:

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Substance

Chemical Name: 2-Oxiranecarboxylic acid, 2-[6-(4-chlorophenoxy)hexyl]-, sodium salt (1:1), (2R)-

CAS-No.: Not Assigned

Concentration: >= 90 - <= 100%

Note: Actual concentration is withheld as a trade secret.

4. FIRST AID MEASURES

General Advice: Show this safety data sheet to the doctor in attendance.

If Inhaled: After inhalation, move to fresh air.

In Case of Skin Contact: Take off immediately all contaminated clothing. Rinse skin with water/shower.

In Case of Eye Contact: After eye contact, rinse out with plenty of water. Remove contact lenses.

If Swallowed: Give water to drink (two glasses at most). Seek medical advice immediately. In exceptional cases only, if medical care is not available within one hour, induce vomiting (only in persons who are wide awake and fully conscious), administer activated charcoal (20 - 40 g in a 10% slurry), and consult a doctor as quickly as possible.

Most Important Symptoms and Effects: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Protection of First-Aiders: Refer to section 8 for personal protection.

Notes to Physician: N/A.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water, Foam, Carbon dioxide (CO₂), Dry powder.

Unsuitable Extinguishing Media: No limitations of extinguishing agents are given for this substance.

Specific Hazards: Combustible. Development of hazardous combustion gases or vapors is possible in the event of fire.

Hazardous Combustion Products: Carbon oxides, Hydrogen chloride gas, Sodium oxides.

Specific Extinguishing Methods: N/A.

Further Information: Suppress gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Special Protective Equipment: Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures:

- **For non-emergency personnel:** Avoid inhalation of powder. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, and consult an expert.
- **For emergency responders:** Refer to personal protection in section 8.

Environmental Precautions: Do not let product enter drains.

Methods and Materials for Containment and Cleaning Up: Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions. Take up carefully and dispose of properly. Clean up affected area. Avoid generation of powder.

7. HANDLING AND STORAGE

Handling: For precautions, see section 2.

Storage Conditions: Keep container tightly closed and dry. Store in a well-ventilated place. Keep locked up or in an area accessible only to qualified or authorized persons.

Storage Class: 6.1C, Combustible, acute toxic Cat.3 / toxic compounds or compounds which cause chronic effects.

Recommended Storage Temperature: 36 - 46 °F / 2 - 8 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: Contains no substances with occupational exposure limit values.

Engineering Measures: N/A.

Personal Protective Equipment:

- **Respiratory Protection:** Required when powder is generated. Recommended filter type: P3 (based on DIN EN 143, DIN 14387).
- **Hand Protection:** Handle with impervious nitrile rubber gloves. Full and splash contact: 0.11 mm thickness, 480 min breakthrough time (e.g., KCL 741 Dermatrill L).
- **Eye Protection:** Safety glasses tested and approved under government standards such as NIOSH (US) or EN 166 (EU).
- **Skin and Body Protection:** Protective clothing.
- **Hygiene Measures:** Change contaminated clothing. Preventive skin protection is recommended. Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: powder

Color: white

Odor: N/A

Odor Threshold: N/A

pH: N/A

Melting Point: N/A

Boiling Point: N/A

Flash Point: N/A

Evaporation Rate: N/A

Flammability (solid, gas): N/A

Upper/Lower Flammability Limits: N/A

Vapor Pressure: N/A

Relative Vapor Density: N/A

Relative Density: N/A

Density: N/A

Solubility: Water soluble

Partition Coefficient (n-octanol/water): N/A

Autoignition Temperature: N/A

Decomposition Temperature: N/A

Viscosity: N/A

Explosive Properties: N/A

Oxidizing Properties: N/A

Molecular Weight: 338.76 g/mol

Particle Size: N/A

10. STABILITY AND REACTIVITY

Reactivity: Flammable organic substances in fine distribution may have powder explosion potential when whirled up.

Chemical Stability: The product is chemically stable under standard ambient conditions (room temperature).

Possibility of Hazardous Reactions: N/A.

Conditions to Avoid: No information available.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: In the event of fire, see section 5.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

- LD50 Oral - Rat - 250 mg/kg
- Inhalation: N/A

- Dermal: N/A

Skin Corrosion/Irritation: N/A.

Serious Eye Damage/Irritation: N/A.

Respiratory or Skin Sensitization: N/A.

Germ Cell Mutagenicity: N/A.

Carcinogenicity:

- **IARC:** No component present at levels $\geq 0.1\%$ is identified as a probable, possible or confirmed human carcinogen.
- **NTP:** No component present at levels $\geq 0.1\%$ is identified as a known or anticipated carcinogen.
- **OSHA:** No component present at levels $\geq 0.1\%$ is on OSHA's list of regulated carcinogens.

Reproductive Toxicity: N/A.

STOT - Single Exposure: N/A.

STOT - Repeated Exposure: N/A.

Aspiration Hazard: N/A.

Additional Information: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

Ecotoxicity: N/A for toxicity to fish.

Persistence and Degradability: N/A.

Bioaccumulative Potential: N/A.

Mobility in Soil: N/A.

Other Adverse Effects: N/A.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Waste material must be disposed of in accordance with national and local regulations. Leave chemicals in original containers. Do not mix with other waste. Handle uncleaned containers like the product itself.

14. TRANSPORT INFORMATION

IATA-DGR:

- **UN/ID No.:** UN 2811
- **Proper Shipping Name:** Toxic powder, organic, n.o.s. ((+)-Etomoxir sodium)
- **Class:** 6.1
- **Packing Group:** III
- **Labels:** Division 6.1 - Toxic substances

IMDG-Code:

- **UN Number:** UN 2811
- **Proper Shipping Name:** TOXIC POWDER, ORGANIC, N.O.S. ((+)-Etomoxir sodium)
- **Class:** 6.1
- **Packing Group:** III
- **Labels:** 6.1
- **EmS Code:** F-A, S-A
- **Marine Pollutant:** No

49 CFR Road:

- **UN/ID/NA Number:** UN 2811
- **Proper Shipping Name:** Toxic powders, organic, n.o.s. ((+)-Etomoxir sodium)
- **Class:** 6.1
- **Packing Group:** III
- **Labels:** Division 6.1 - Toxic substances
- **Marine Pollutant:** No
- **Poison Inhalation Hazard:** No

15. REGULATORY INFORMATION

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 : Acute Health Hazard

Hazards

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Maine Chemicals of High Concern

Product does not contain any listed chemicals

Vermont Chemicals of High Concern

Product does not contain any listed chemicals

Washington Chemicals of High Concern

Product does not contain any listed chemicals

The components of this product are reported in the following inventories:

TSCA : Product contains substance(s) not listed on TSCA inventory.

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

16. OTHER INFORMATION

Revision Date: 2026/07/10

Further Information: The information provided is believed to be correct but is not exhaustive and should be used only as a guideline based on current knowledge. It does not represent a guarantee of the properties of the product. Selleck Chemicals Corporation and its Affiliates shall not be held liable for any damage resulting from handling or contact with the product.