



## MEDICAL ISOTOPES, Inc.

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### SAFETY DATA SHEET

#### SECTION 1. Identification

**Product:**

Product Name: Sulthiame

Catalog number: 61860

**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 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:**

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Acute Toxicity, Oral (Category 5)

Skin Irritation (Category 2)

Eye Damage/Irritation (Category 2A)

Specific Target Organ Toxicity, Single Exposure; Respiratory Tract Irritation (Category 3)

**Signal Word:**

Warning

**Hazard Statements:**

H303 May be harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

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

P264 Wash hands thoroughly after handling.

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.

P305/P351/P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

**Other hazards:**

None

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

**Chemical name:**

Sulthiame

**Synonyms:**

4-(Tetrahydro-1,1-dioxido-2H-1,2-thiazin-2-yl)benzenesulfonamide; 4-(Tetrahydro-2H-1,2-thiazin-2-yl)benzenesulfonamide S,SDioxide; 2-(p-Sulfamoylphenyl)-tetrahydro-2H-1,2-thiazine 1,1-Dioxide; A 168; Bayer A 168; Conadil; Contravul; Elisal; Ospolot; Riker 594; Sulphenyltame; Sulphenytame; Sulphthiame; Sulthiam; Sulthiamine; Sultiam; Sultiam; Trolone; p-(Tetrahydro-2H-1,2-thiazin-2-yl)benzenesulfonamide Dioxide;

**CAS number:**

61-56-3

**Impurities/Additives:**



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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.

### SECTION 5. FIRE FIGHTING MEASURES

**Inhalation:** Remove from exposure and move to fresh air immediately. Consult a physician.

**Eye Contact:** Rinse thoroughly with plenty of water. Consult a physician.

**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, Sulfur 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 container tightly closed and refrigerate 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 Pale Brown 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:** No data available

### SECTION 11. TOXICOLOGICAL INFORMATION

**Inhalation:** Moderate respiratory tract irritation.

**Ingestion:** Oral LD50: Mouse - 4,852 mg/kg

**Skin and eye contact:** Moderate skin irritant.

**Other:** N/A

### SECTION 12. ECOLOGICAL INFORMATION

N/A



## ***MEDICAL ISOTOPES, Inc.***

### **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  
Not dangerous goods  
IATA  
Not dangerous goods

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

N/A

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

Preparation information: Last revised on 06/28/22

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