

# Material Safety Data Sheet

Version: 2  
Revision Date: 5/13/2010  
Print Date:

## 1. Product and Company Identification

Product Name L-5-(3-amino-3-carboxypropylthio)pentanoic acid  
Product Number OB130  
CAS # 88096-02-0  
Company Obiter Research, LLC  
2809 Gemini Ct., Champaign, IL 61822  
Telephone 1-217-359-1626  
Fax 1-217-359-2567  
Emergency Phone No Not a hazardous product for shipping

## 2. Hazards Identification

### Emergency Overview

### Potential Health Effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.  
Ingestion: May be harmful if swallowed.  
Skin Contact: May be harmful if absorbed through the skin. May cause skin irritation.  
Eye Contact: May cause eye irritation.

## 3. Composition/Information on ingredients

Synonyms  
Formula  $C_9H_{17}ClKNO_4S$   
Molecular Weight 309.02

CAS #	EC #	Index #	Concentration
L-5-(3-amino-3-carboxypropylthio)pentanoic acid			
88096-02-0			

## 4. First Aid Measures

Inhalation	Remove from exposure to fresh air immediately. If not breathing, give artificial respiration.
Ingestion	Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
Skin Contact	Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
Eye Contact	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

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## 5. Fire Fighting Measures

### Ignition temperature

Not available

### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### Protective equipment

Wear a self-contained breathing apparatus for firefighting if necessary

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## 6. Accidental Release Measures

### Personal precautions

Ensure adequate ventilation. Use personal protective equipment.

### Environmental precautions

Do not let product enter drains.

### Methods and materials for containment and cleaning up

Pick up and arrange disposal. Keep in suitable, closed containers for disposal.

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## 7. Handling and Storage

### Precautions for safe handling

Avoid contact with skin and eyes. Do not reuse container. Normal measures for preventive fire protection.

### Conditions for safe storage

Store in a tightly closed container in dry and well-ventilated place. Handle and open with care.

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## 8. Exposure Controls/Personal Protection

Contains no substances with occupational exposure limit values.

### Engineering controls

Safety shower and eye wash station, vent hood

### Personal protective equipment

Respirator: Use respirators and components tested and approved under appropriate government standards such as NIOSH(US) or CEN(EU).

Hand: Wear appropriate protective gloves and clothing to prevent skin exposure.

Clothing: Choose protective clothing to minimize contact with skin according to the amount and concentration of the dangerous substance at the work place.

Eye Protection: safety glasses

### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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## 9. Physical and Chemical Properties

<b>Appearance:</b>	Solid, white
<b>Odor:</b>	Not available
<b>Odor threshold:</b>	Not available
<b>pH:</b>	Not available
<b>Freezing point/melting point:</b>	Not available
<b>Initial Boiling Point and boiling range:</b>	Not available
<b>Flash point:</b>	Not available
<b>Evaporation Rate:</b>	Not available
<b>Flammability (solid, gas);</b>	Not available
<b>Upper/lower flammability/explosive limits:</b>	Not available
<b>Vapor Pressure:</b>	Not available
<b>Vapor Density:</b>	Not available
<b>Density:</b>	Not available
<b>Solubility:</b>	Not available
<b>Partition coefficient:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity:</b>	Not available

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## 10. Stability and Reactivity

**Stability:** Stable under recommended storage conditions.

**Conditions to avoid:** No data available

**Materials to avoid:** No data available

**Hazardous decomposition products:** No data available

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## 11. Toxicological Information

**Acute toxicity:** No data available

### Signs and Symptoms of Exposure

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

### Potential Health Effects

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Eye Contact:	May cause eye irritation.

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## 12. Ecological Information

No data available

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## 13. Disposal Considerations

Observe all federal, state and local environmental requirements. Contact a licensed professional waste disposal service to dispose of this material. Dispose of unused product.

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## 14. Transport Information

**DOT**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

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## 15. Regulatory Information

No data available

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## 16. Other Information

**Label Hazard Warning:** none

**Product Use:** For R & D use only. Not for drug, household or other uses.

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