

Material Safety Data Sheet

Version: 2
Revision Date: 5/20/2010
Print Date:

1. Product and Company Identification

Product Name (2S,3S)-2,3-bis(phenylcarbamoxy)succinic acid
Product Number OBT 136
CAS # 151489-87-1
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

Formula $C_{18}H_{16}N_2O_8$
Molecular Weight 388.33

CAS #	EC #	Index #	Concentration
(2S,3S)-2,3-bis(phenylcarbamoxy)succinic acid			
151489-87-1			

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.

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

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.

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.

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.

9. Physical and Chemical Properties

Appearance:	crystalline powder, beige
Odor:	Not available
Odor threshold:	Not available
pH:	Not available
Freezing point/melting point:	200 – 204 °C
Initial Boiling Point and boiling range:	Not available
Flash point:	Not available
Evaporation Rate:	Not available
Flammability (solid, gas);	Not available
Upper/lower flammability/explosive limits:	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Density:	Not available
Solubility:	Not available
Partition coefficient:	Not available
Auto-ignition temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not available

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

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

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.

12. Ecological Information

No data available

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.

14. Transport Information

DOT

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. Regulatory Information

No data available

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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