

# Safety Data Sheet



CD BioSciences  
Bio Sustainable

## 1. Identification

Product Name: N-(3-Oxo-octanoyl)-DL-homoserine Lactone  
Catalogue Number: MDP-12274  
Company Name: CD BioSustainable  
Address: SUITE 206, 17 Ramsey Road, Shirley, NY 11967, USA  
Telephone: 1-631-637-0420  
Fax Number: 1-631-938-6329  
Email: info@sustainable-bio.com  
Other Names: None  
Other Information: Emergency contact: 1-631-624-4882

## 2. Hazard Identification

Routes of Entry: Skin, Ingestion, Inhalation  
Eye Contact: Undiluted liquid maybe irritating to eyes  
Skin Contact: Undiluted liquid may be irritating to skin. Prolonged or repeated skin contact may cause allergic dermatitis.

## 3. Composition/information on ingredients

Formula: No data available  
CAS-No.: No data available

## 4. First-aid measures

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.  
Skin: Wash with soap and water - get medical attention if irritation occurs.  
Ingestion: Do not induce vomiting. Administer milk or water to dilute. Seek medical attention.  
Inhalation: Remove to fresh air.

## 5. Fire-fighting measures

Flash Point (Method Used): Will not ignite  
Extinguishing Media: Dry Carbon Dioxide Foam  
Special Firefighting Procedures: Use self contained breathing equipment for fighting interior fires.  
Unusual Fire & Explosion Hazards: No

## 6. Accidental release measures

Personal Protection: OSHA approved chemical resistant gloves and safety glasses should be worn. Chemical resistant clothing may also be worn as an added precaution. If desired, use a NIOSH approved respirator.  
Environmental Protection: Notify authorities if large amounts of product enters

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Methods for Cleaning Up: sewer.  
Eliminate sources of ignition and ventilate area.  
Absorb onto an inert, absorbent substrate and sweep up. Wash with soap and water.

## 7. Handling and storage

### Handling

Safe Handling: Wear safety glasses.  
Keep away from oxidizing agents, excessive heat and sources of ignition.

### Storage

Storage Areas and Containers: Store in a cool, dry location, in a sealed container in a well ventilated area.

## 8. Exposure controls/personal protection

Engineering Controls: Have eye wash stations available near workstations

Personal Protection Eye: OSHA approved safety glasses should be worn.

Skin/Body: Chemical resistant clothing and gloves may be worn.

Respiratory: Not needed under normal conditions of use. Use adequate ventilation or NIOSH-approved respiratory devices if required for application.

Ventilation: Handle in well ventilated areas.

Other: Evaluate need based on application. Slip proof shoes may be worn where spills may occur.

Work/Hygiene Practice: Work/Hygiene Practice:

## 9. Physical and chemical properties

Appearance: No data available

Odour: No data available

Solubility: No data available

## 10. Stability and reactivity

Stability: Stable

Conditions to Avoid: Extreme heat

Incompatibility (Materials to Avoid): None

Hazardous Decomposition or Byproducts: None

Hazardous Polymerization: Will Not Occur

## 11. Toxicological Information

Signs and Symptoms of Exposure: Irritation of skin and eyes; dizziness or lightheadedness; nausea or vomiting.

Irritancy: Skin: May be an irritant  
Eyes: May be an irritant

# Safety Data Sheet

Carcinogenicity: NTP: No IARC: No  
OSHA Regulated: No

## 12. Ecological information

Ecological Information: No ecological hazards are associated with this product.

## 13. Disposal considerations

Waste Disposal Methods: Do not put into sewer lines. Dispose of according to local, state and federal regulations.

## 14. Transport information

DOT Classification: Not regulated

## 15. Regulatory information

No Information

## 16. Other Information

This information is provided for documentation purposes only.

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