

MATERIAL SAFETY DATA SHEET

(-)-Blebbistatin

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Cayman Chemical Company
1180 E. Ellsworth Rd.
Ann Arbor, MI 48108

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1. Product and Company Identification

Product Code: 13013
Product Name: (-)-Blebbistatin
Manufacturer Information
Company Name: Cayman Chemical Company
Emergency Contact: Cayman Chemical Company (800)364-9897
Information: Cayman Chemical Company (734)971-3335
CAS Number: 856925-71-8
Synonyms: 1,2,3,3a-tetrahydro-3aS-hydroxy-6-methyl-1-phenyl-4H-Pyrrolo[2,3 -b]quinolin-4-one;
(S)-Blebbistatin

2. Composition/Information on Ingredients

| Hazardous Components (Chemical Name) | CAS # | Concentration | OSHA PEL | ACGIH TLV |
|--------------------------------------|-------------|---------------|----------|-----------|
| 1. (-)-Blebbistatin | 856925-71-8 | 100.0 % | No data. | No data. |

3. Hazards Identification

Emergency Overview: No data available.
Route(s) of Entry: Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes Other: Injection
Potential Health Effects (Acute and Chronic): Material may be irritating to the mucous membranes and upper respiratory tract.
May be harmful by inhalation, ingestion, or skin absorption.
May cause eye, skin, or respiratory system irritation.
The toxicological properties of this compound have not been fully evaluated.
Signs and Symptoms Of Exposure: No data available.

4. First Aid Measures

Emergency and First Aid Procedures: If inhaled remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.
If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.
In case of contact with eyes, hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 20 minutes. Have eyes examined and tested by medical personnel.
In case of skin contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

5. Fire Fighting Measures

Flash Pt: No data.
Explosive Limits: LEL: No data. UEL: No data.
Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.
Flammable Properties and Hazards: May emit toxic fumes under fire conditions.
Extinguishing Media: Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray when fighting fires involving this material.
Unsuitable Extinguishing Media: No data available.

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|-----------------------------|---------------------|
| Molecular Weight: | 292.30 |
| pH: | No data. |
| Appearance and Odor: | A crystalline solid |

10. Stability and Reactivity

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|--|---|
| Stability: | Unstable [<input type="checkbox"/>] Stable [<input checked="" type="checkbox"/>] |
| Conditions To Avoid - Instability: | No data available. |
| Incompatibility - Materials To Avoid: | No data available. |
| Hazardous Decomposition Or Byproducts: | carbon dioxide carbon monoxide nitrogen oxide |
| Hazardous Polymerization: | Will occur [<input type="checkbox"/>] Will not occur [<input checked="" type="checkbox"/>] |
| Conditions To Avoid - Hazardous Polymerization: | No data available. |

11. Toxicological Information

| | |
|---|--|
| : | The toxicological effects of this compound have not been thoroughly studied. |
| Carcinogenicity/Other Information: | No data available. |
| Carcinogenicity: | NTP? No IARC Monographs? No OSHA Regulated? No |

12. Ecological Information

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|----------|---|
| : | Runoff from fire control or dilution water may cause pollution. |
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13. Disposal Considerations

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|-------------------------------|--|
| Waste Disposal Method: | Dispose in accordance with local, state and federal regulations. |
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14. Transport Information

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|--|--|
| LAND TRANSPORT (US DOT) | |
| DOT Proper Shipping Name | No data available. |
| Additional Transport Information: | This substance is considered non-hazardous for transport. Transport in accordance with local, state, and federal regulations. |

15. Regulatory Information

US EPA SARA Title III

| Hazardous Components (Chemical Name) | CAS # | Sec.302 (EHS) | Sec.304 RQ | Sec.313 (TRI) | Sec.110 |
|--------------------------------------|-------------|---------------|------------|---------------|---------|
| 1. (-)-Blebbistatin | 856925-71-8 | No | No | No | |

US EPA CAA, CWA, TSCA

| Hazardous Components (Chemical Name) | CAS # | EPA CAA | EPA CWA NPDES | EPA TSCA | CA PROP 65 |
|--------------------------------------|-------------|---------|---------------|----------|------------|
| 1. (-)-Blebbistatin | 856925-71-8 | No | | No | |

16. Other Information

Company Policy or Disclaimer

For research use only, not for human or veterinary clinical use.

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