

## SAFETY DATA SHEET

### 1. Identification of the substance/mixture and of the company/undertaking

Product name: Curvularin

Product code: BLK0410

CAS No.: 10140-70-2

Recommended use: For research use only. Not for human or veterinary use.

Company: Biolinks k.k.

Address: 2-12-5-710 Minamioi, Shinagawa-ku, Tokyo 140-0013, Japan

Telephone: +81-3-5767-6821

Email: info@biolinks.co.jp

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### 2. Hazards identification

Classification (GHS): Not classified due to insufficient data.

Signal word: None

Hazard statements: Data not available.

Precautionary statements:

- Handle only in a chemical fume hood.
- Avoid inhalation, ingestion, or contact with skin and eyes.
- Wear suitable protective clothing, gloves, and eye/face protection.

Other hazards: Research chemical. Toxicological properties have not been fully investigated.

### 3. Composition/information on ingredients

Component: Curvularin

CAS No.: 10140-70-2

Molecular Formula: C<sub>16</sub>H<sub>20</sub>O<sub>5</sub>

Molecular Weight: 292.33

Purity: ≥95%

### 4. First aid measures

General advice: Consult a physician. Show this SDS to the doctor in attendance.

If inhaled: Move person to fresh air. Seek medical attention if symptoms persist.

If on skin: Wash with soap and water. Remove contaminated clothing.

If in eyes: Rinse cautiously with water for several minutes and seek medical advice.

If swallowed: Rinse mouth. Do not induce vomiting without medical advice.

## 5. Firefighting measures

Suitable extinguishing media: Water spray, carbon dioxide, dry chemical powder, or foam.

Specific hazards: May emit toxic fumes (CO, CO<sub>2</sub>, NO<sub>x</sub>) under fire conditions.

Protective equipment: Wear self-contained breathing apparatus.

## 6. Accidental release measures

Personal precautions: Avoid dust formation and contact with skin or eyes.

Environmental precautions: Prevent entry into drains or waterways.

Methods for cleaning up: Sweep up carefully and place in suitable container for disposal.

## 7. Handling and storage

Precautions for safe handling: Use in a chemical fume hood.

Conditions for safe storage: Store tightly closed in a cool, dry, dark place.

Recommended storage temperature: -20°C

Incompatibilities: Strong oxidizing agents.

## 8. Exposure controls/personal protection

Engineering controls: Use chemical fume hood.

Respiratory protection: Approved respirator if necessary.

Hand protection: Nitrile gloves.

Eye protection: Safety goggles.

Skin protection: Lab coat.

## 9. Physical and chemical properties

Appearance: Off-white to yellow powder

Odor: Not available

Molecular formula: C<sub>16</sub>H<sub>20</sub>O<sub>5</sub>

Molecular weight: 292.33

Melting point: Not determined

Solubility: 1 mg/mL in ethanol, methanol, and DMSO

Stability: Stable under recommended storage conditions

## 10. Stability and reactivity

Stability: Stable under normal conditions.

Conditions to avoid: Heat, moisture, light.

Incompatible materials: Strong oxidizers.

Hazardous decomposition products: CO, CO<sub>2</sub>, NO<sub>x</sub>, HCl (if chlorinated compound).

## 11. Toxicological information

Acute toxicity: No data available.

Irritation: May cause irritation to skin, eyes, or respiratory tract.

Chronic effects: No data available.

## **12. Ecological information**

Ecotoxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

## **13. Disposal considerations**

Dispose in accordance with local, regional, and national regulations.

Use licensed chemical waste disposal services.

## **14. Transport information**

UN number: Not regulated.

UN proper shipping name: Not dangerous goods.

Transport hazard class: None.

Packing group: None.

Marine pollutant: No.

## **15. Regulatory information**

For research use only. Not for drug, household, or agricultural use.

## **16. Other information**

The information provided is believed to be accurate but is not guaranteed to be complete.

Biolinks k.k. shall not be held liable for any damage resulting from handling this product.