

## SAFETY DATA SHEET

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

Product name: Sterigmatocystin

Product code: BLK1550

CAS No.: 10048-13-2

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

Emergency telephone: +81-3-5767-6821

### 2. Hazards identification

Classification (GHS):

Acute toxicity, Oral (Category 3)

Acute toxicity, Dermal (Category 3)

Acute toxicity, Inhalation (Category 3)

Signal word: Danger

Hazard statements:

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H331 Toxic if inhaled.

Precautionary statements:

P261 Avoid breathing dust.

P280 Wear protective gloves, protective clothing, eye protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air.

Other hazards: Highly biologically active compound.

### 3. Composition/information on ingredients

Component: Sterigmatocystin

CAS No.: 10048-13-2

Molecular Formula: C<sub>18</sub>H<sub>12</sub>O<sub>6</sub>

Molecular Weight: 324.29

Purity: ≥95%

#### **4. First aid measures**

Seek immediate medical attention.

If inhaled: Remove to fresh air.

If on skin: Wash thoroughly.

If in eyes: Rinse for 15 minutes.

If swallowed: Do NOT induce vomiting.

#### **5. Firefighting measures**

Water spray, CO<sub>2</sub>, dry chemical powder, foam.

Decomposition: CO, CO<sub>2</sub>, NO<sub>x</sub>, SO<sub>x</sub>.

#### **6. Accidental release measures**

Avoid dust formation. Wear respirator and protective equipment.

Collect and dispose as hazardous waste.

#### **7. Handling and storage**

Use in certified chemical fume hood.

Store at -20°C.

Avoid oxidizing agents.

#### **8. Exposure controls/personal protection**

Fume hood required.

Respirator (P3), nitrile gloves (double), goggles, lab coat.

#### **9. Physical and chemical properties**

Appearance: Powder

Molecular formula: C<sub>18</sub>H<sub>12</sub>O<sub>6</sub>

Molecular weight: 324.29

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

#### **10. Stability and reactivity**

Stable under recommended storage conditions.

#### **11. Toxicological information**

Toxic by ingestion, inhalation, and skin absorption.

#### **12. Ecological information**

Avoid environmental release.

#### **13. Disposal considerations**

Dispose as hazardous chemical waste.

#### **14. Transport information**

UN number: UN 2811

UN proper shipping name: Toxic solid, organic, n.o.s. (Sterigmatocystin)

Transport hazard class: 6.1

Packing group: III

#### **15. Regulatory information**

Subject to hazardous materials transport regulations.

#### **16. Other information**

Revised to reflect UN 2811 classification.