

## SAFETY DATA SHEET

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

Product name: Radicicol

Product code: BLK0500

CAS No.: 12772-57-5

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: Radicicol

CAS No.: 12772-57-5

Molecular Formula: C<sub>18</sub>H<sub>17</sub>ClO<sub>6</sub>

Molecular Weight: 364.78

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>17</sub>ClO<sub>6</sub>

Molecular weight: 364.78

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. (Radicicol)

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.