

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE

Product Name: Bakuchiol

Manufacturer/Supplier:

Shanghai Tauto Biotech Co.,Ltd
No.326,Aidisheng Rd(s),Zhangjiang Hi-Tech Park
Pudong,Shanghai,P.R.China
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Chemical name	Common names and synonyms	CAS number	EC number
Bakuchiol	Bakuchiol	10309-37-2	685-515-4

3. HAZARDS IDENTIFICATION

Classification of the substance or mixture: Not classified

GHS label elements, including precautionary statements

Pictogram(s)	None
Signal word	No signal word
Hazard statement(s)	None
Precautionary statement(s)	
Prevention	None
Response	None
Storage	None
Disposal	None

Other hazards which do not result in classification: no data available

4. FIRST AID MEASURES

Description of necessary first-aid measures

If inhaled: Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Following skin contact: Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

Following eye contact: Rinse with pure water for at least 15 minutes. Consult a doctor.

Following ingestion: Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

Most important symptoms/effects, acute and delayed: no data available

Indication of immediate medical attention and special treatment needed, if necessary: no data available

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use dry chemical, carbon dioxide or alcohol-resistant foam.

Specific hazards arising from the chemical: no data available

Special protective actions for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Avoid dust formation. Avoid breathing mist, gas or vapours. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental precautions: Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up: Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. HANDLING AND STORAGE

Precautions for safe handling: Handling in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

Conditions for safe storage, including any incompatibilities: Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Control parameters

Occupational Exposure limit values: no data available

Biological limit values: no data available

Appropriate engineering controls: Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection: Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection: Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection: If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Thermal hazards: no data available

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Colour	no data available
Odour	no data available
Melting point/freezing point	no data available
Boiling point or initial boiling point and boiling range	no data available
Flammability	no data available
Lower and upper explosion limit/flammability limit	no data available
Flash point	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
pH	no data available
Kinematic viscosity	no data available
Solubility	no data available
Partition coefficient n-octanol/water	no data available
Vapour pressure	no data available
Density and/or relative density	no data available
Relative vapour density	no data available
Particle characteristics	no data available

10. STABILITY AND REACTIVITY

Reactivity: no data available

Chemical stability: no data available

Possibility of hazardous reactions: no data available

Conditions to avoid: no data available

Incompatible materials: no data available

Hazardous decomposition products: no data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity

- Oral: no data available
- Inhalation: no data available
- Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity: no data available

Reproductive toxicity: no data available

STOT-single exposure: no data available

STOT-repeated exposure: no data available

Aspiration hazard: no data available

12. ECOLOGICAL INFORMATION

Toxicity

- Toxicity to fish: no data available
- Toxicity to daphnia and other aquatic invertebrates: no data available
- Toxicity to algae: no data available
- Toxicity to microorganisms: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Other adverse effects: no data available

13. DISPOSAL CONSIDERATIONS

Disposal methods
Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

14. TRANSPORT INFORMATION

UN Number

ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods.

UN Proper Shipping Name

ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods.

Transport hazard class(es)

ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods.

Packing group, if applicable

ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods.

Environmental hazards

ADR/RID: No IMDG: No IATA: No

Special precautions for user: no data available

Transport in bulk according to IMO instruments: no data available

15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product in question

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