

Shuobang (Huzhou) Biomedical Technology Co., Ltd.

Safety technology instruction

Revision: May 20,2021

1. Product and corporate identification

Trade name: Gandalf®-GUAIAZULENE

Purpose: Cosmetic raw materials

Supplier, address, telephone and fax:

Shuobang (Huzhou) Biomedical Technology Co., Ltd.

699 Bronze Road, Wuxing District, Huzhou City, Zhejiang Province, China

0572-2526078

17757285679

2. Hazard identification

Main hazard identification: environmental product.

Label element It is not dangerous products according to GHS(EC1272/2008).

EC67/548EEC and 1999/45/EC are unlabelled.

3. Components

Component	INCI name	CAS No.	ω/%
1	GUAIAZULENE	489-84-9	99

4. Emergency and first-aid measures

Overview of first aid measures: Consult the doctor, present the safety data sheet, and move out of the dangerous area.

If you inhale it, you need to breathe the fresh air. If you cannot breathe, please perform the artificial respiration. And go to a doctor in time.

Skin contact: Wash with enough water and soap and go to a doctor.

Eye contact: Wash with enough water for at least 15 minutes and go to a doctor.

Swallow: Never feed anything to a person without consciousness. Clean the mouth with water and go to a doctor.

Vital symptoms and side effects: None

5. Fire protection measures

Fire extinguishing medium: water spray, dry powder extinguisher, carbon dioxide extinguisher, foam extinguisher.

Hazardous products: The combustion may produce toxic gas.

Fire protection measures: Wear protection suit to prevent skin and eye contact.
Wear self-contained breathing apparatus.

6. Leakage emergency treatment

Personal protection measures: Use personal protective device. Avoid generating dust and inhaling steam, fog or gas.

Ensure the ventilation and evacuate the people to the safe areas. Avoid inhaling dust. Do not discharge the product into the drains. Do not collect and dispose of the dust. Clean it up with a shovel. Dispose of it in a suitable sealed container.

Environmental protection measures:

Methods and materials of control and cleaning:

Other chapters for reference:

7. Disposal operation and storage

Safe operation measure: Avoid skin and eye contact. Avoid dust and aerosol generation. Install appropriate ventilation and exhaust systems where there is dust.

Safe storage conditions: Seal, store it a cool and dry place and keep it away from light.

Specific use purpose: No data.

8. Contact control/Personal Protection

Control parameter: None

Personal protective device: Respiratory protection: Wear NIOSH/MSHA respirators or the EN149 respirators that meet the European standard.

Hand protection: Wear protective gloves.

Eye protection: Wear chemical goggles.

Hygiene measures: Dispose of it according to good industrial hygiene codes and safe operation measures. Wash your hands after work.

Specific engineering control: Use mechanical exhaust or the fume cupboard of laboratory to avoid contact.

9. Physical and chemical property

Appearance: Dark blue liquid crystal

Chromatography identification: The retention time is consistent with the standard sample.

Purity: $\geq 99.0\%$

10. Stability and reactivity

Reactivity: It typically doesn't react.

Chemical stability: It's stable under recommended storage conditions.

Potential hazardous reactions: No data.

What to avoid: No data.

Chemical stability: Stability under storage conditions.

Incompatible materials: strong oxidant.

Hazardous decomposition: Hazardous decomposition products are formed under fire conditions.
- nitrogen carbon oxide, hydrogen chloride gas.

11. Toxicology information

Toxicology information:

Acute toxicity: Oral administration LD50, inhale LC50, dermis LDS0

Other information about acute toxicity: No data

Skin corrosion/allergy: No data

Severe eye injury/eye irritation: No data
Respiratory or skin allergy: Not applicable
Reproductive cell mutability: No data
Carcinogenicity: No data
Reproductive toxicity: No data
Teratogenicity: No data
Specific target organ toxicity: It may cause respiratory irritation
Synergistic effect: No data

12. Ecological information

Environmental impact:

Toxicity: No data

Durability and degradability: No data

The potential for biological accumulations: No data

Transportation in soil: No data

PBT and vPvB assessment: No data

Other adverse effects: No data

13. Disposal attentions

Waste disposal method:

Product: Provide the remaining and non-recyclable solutions for the licensed professional companies which are committed to disposal. Dissolve or mix the wastes and burn them in a chemical incinerator.

Contaminated packaging: Dispose of them as idle products.

14. Transportation

UN No. :

ADR/RID: IMDG: IATA:

Appropriate shipping name of the United Nations :

ADR/RID: Not belong to dangerous goods.

IMDG: Not belong to dangerous goods.

IATA: Not belong to dangerous goods.

Transportation risk class:

ADR/RID:- IMDG:- IATA:-

Packaging classification:

ADR/RID:- IMDG:- IATA:-

Environment hazards:

ADRRID:None IMDG:None IATA:None

Special precautionary measures:

No data

15. Supervision

Provisions/legislation for the safety, health and environment of the substance:

No data

Assessment of chemicals safety

No data

16. Other information

Purpose: Cosmetic active ingredient.

This paper is about supplementary instruction for technical documents. It cannot be replaced by technical documents. The information presented in this article is based on the current knowledge about the product as of the date of preparing this paper. In addition, users should pay attention to the potential hazards of other purpose of the product except for those mentioned herein. This paper does not prevent users from knowing and observing other relevant regulations. The users are obligated to get knowledge of the precautions for the usage of this product.