

Product Safety Data Sheet

1. Chemical and Business Identification

1.1 Product information

Product name	Salidroside
INCI	Salidroside

1.2 Supplier information

Name	Zhejiang Seedling Biotechnology Co., Ltd
Address	Room 401, Building 3, Yin Hai Science and Technology Innovation Center, Xiasha Street, Qiantang District, Hangzhou, Zhejiang Province
Zip code	310018
Phone	+86-571-85090787
Emergency consultation hotline	+86-571-85090787

2. Overview of Hazards


2.1 Overview of emergencies

Causes severe eye irritation. Present this safety data sheet to the physician who arrives at the site. After inhalation: Move the patient to fresh air. In case of skin contact: Remove/remove all stained clothing immediately. Wash your skin/shower with water. After eye contact: Rinse with plenty of water, contact an ophthalmologist, and remove contact lenses. After swallowing: Give the injured person water (up to 2 cups) immediately, consult a doctor. It is flammable and may cause the production of hazardous gases or vapors when fired.

2.2 GHS hazard category

Severe eye injury/eye irritation (Category 2A), H319

2.3 GHS label elements

Pictogram	
Warning words	Warning
Hazard description	H319 causes severe eye irritation.

2.4 Precautionary instructions

Preventive measures	P264 Wash the skin thoroughly after the operation. P280 wears a protective eye mask/protective mask.
Incident response	P305 + P351 + P338 In case of contact with eyes: Rinse carefully with water for a few minutes. If you wear contact lenses and can easily take them out, take out the contact lenses. Continue rinsing. P337 + P313 If eye irritation persists: seek medical attention/seek

	medical attention.
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2.5 Physical and chemical hazards

No further information is available.

2.6 Health hazards

H319, causing severe eye irritation.

2.7 Environmental hazards

No further information is available.

2.8 Other hazards

No further information is available.

3. Composition/composition information

Substances/mixtures	Substance
Formula	C ₁₄ H ₂₀ O ₇
Molecular weight	300.30
CAS No.	10338-51-9
Mass fraction, %	98.00~100.00

4. First aid measures

4.1 Description of necessary first aid measures

General advice:	Consult a doctor. Present this safety data sheet to the physician who arrives at the site.
Inhale	If inhaled, move the person to fresh air.
Skin contact	In case of skin contact: Remove/remove all stained clothing immediately. Wash your skin/shower with water.
Eye contact	After eye contact: Rinse with plenty of water, contact an ophthalmologist, and remove contact lenses.
Eat in	After swallowing: Give the injured person water (up to 2 cups) immediately, consult a doctor.

4.2 The most important symptoms and health effects

See Section 2.3.

4.3 Prompt medical treatment and instructions for special treatment required

No relevant information

4.4 Special tips for doctors

No relevant information

5. Fire protection measures

5.1 Fire extinguishing medium

Fire extinguishing methods and fire extinguishing agents	Water, foam, carbon dioxide (CO ₂), dry powder
Unsuitable fire extinguishing agent	For this substance, no restrictions on fire extinguishing agents are prescribed.

5.2 Special hazards from this substance or mixture

Carbon oxides. It is flammable and may cause the production of hazardous gases or vapors when fired.

5.3 Fire extinguishing precautions and protective measures

In case of fire, wear a self-contained respirator. Prevent fire water from contaminating surface and groundwater systems.

6. Leakage emergency treatment

6.1 personnel protective measures, protective equipment and emergency response procedures

Advice for non-emergency personnel: avoid inhaling dust, avoid material contact, and ensure adequate ventilation. Evacuate dangerous areas, follow emergency procedures, and seek expert advice. For more information, please refer to Section 8, "Contact Control and Personal Protection".

6.2 Environmental protection measures

Do not let the product go down the drain.

6.3 Containment and removal methods of spilling chemicals and disposal materials used

Cover the sewers. Collect, contain, and extract leaks. Dry out, discard, clean the affected area. Avoid dust generation.

7. Operation, disposal and storage

7.1 Precautions for safe operation

See Section 2.4 for precautions.

7.2 Conditions for safe storage

Storage conditions	Keep the container tightly closed and store in a dry and ventilated place.
VCI storage level	German storage class (TRGS 510): 11: Combustible solids

8. Contact control and personal protection

8.1 Hazard composition and occupational exposure limit

Substances that do not contain occupational exposure limits.

8.2 Proper technical controls

Change contaminated clothing. Wash your hands after using this substance.

8.3 Personal protective equipment

Eye-face protection	Protect your eyes with equipment that has been tested and approved by official standards such as NIOSH (USA) or EN 166 (EU).
Skin protection	Wear gloves to take it. Gloves must be inspected before use. Please use an appropriate method to remove gloves (do not touch the outer surface of the gloves) and avoid any skin area that comes into contact with this product. Dispose of contaminated gloves with caution after use in accordance with relevant laws and regulations and effective laboratory regulations. Please wash and blow-dry your hands. The chosen protective gloves must comply with the specifications given by Regulation (EU) 2016/425 and the EN 374 standard derived from it.
Body protection	Physical protection is selected based on the type, concentration and amount of hazardous substances, as well as the specific workplace. The type of protective equipment must be selected based on the concentration and quantity of hazardous materials in a particular workplace.
Respiratory protection	Required when dust is generated. Recommendations for filtration respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards related to the respiratory protection devices used.
Control of environmental exposure	Do not let the product go down the drain.

9. Physical and chemical properties

State	Powder
Color	White to off-white
Smell	No data available
Melting/freezing point	159.0°C~163.5°C
Initial boiling point and boiling range	No data available
Flammability (solid, gas)	No data available
High/low flammability or explosive limits	No data available
Flashpoint	No data available
Spontaneous ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Viscosity	No data available

Water soluble	Soluble
n-octanol/water partition coefficient	No data available
Vapor pressure	No data available
Density	No data available
Vapor density	No data available
Particle Properties	No data available
Explosive characteristics	No data available
Oxidizing	None

10. Stability and reactivity

10.1 Stability

It is stable under recommended storage conditions.

10.2 Dangerous reactions

No data available

10.3 conditions to avoid

No data available

10.4 Prohibited distribution

Strong oxidant

10.5 Dangerous decomposition products

When a fire breaks out: See Part 5 Fire Protection Measures

11. Toxicological information

11.1 Toxicological effects

Acute toxicity	Acute toxicity (oral): no data available Acute toxicity (percutaneous): no data available Acute toxicity (inhalation): no data available
Skin erosion/irritation	No data available
Severe eye damage/eye irritation	Causes severe eye irritation.
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available



Specific target organ system toxicity (one exposure)	No data available
Specific target organ system toxicity (repeated exposure)	No data available
Inhalation hazards	No data available

11.2 Additional Notes:

Registration of toxic effects of chemical substances: LZ5901900

12. Ecological information

12.1 Ecotoxicity

No data available

12.2 Persistent and degradable

No data available

12.3 Bioaccumulation potential

No data available

12.4 Migration in the soil

No data available

12.5 Evaluation of PBT and vPvB results

PBT/vPvB assessments are not available because chemical safety assessments are not required/conducted.

12.6 Endocrine disrupting properties

No data available

12.7 Other environmental harmful effects

No data available

13. Waste disposal

Products	Leave the remaining and non-recyclable solution to the licensed company for disposal.
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14. Shipping information

Transported as non-dangerous goods.

15. Regulatory information

Applicable Regulations	None
Other provisions	Please note that waste disposal should also meet the requirements of



	local regulations.
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16. Additional information

The information contained in this data sheet is believed by the Company to be accurate, but it is not guaranteed to be compiled by the Company itself. Users of this datasheet are advised to confirm whether this datasheet is currently applicable and whether it is applicable to their application environment before using it.