

Material Safety Data Sheet

OSHA 29 CFR 1910.1200

Version No.: 1.0

Printing Date: January 22, 2024

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MSDS REPORT

Jiabei Huikang (Guangzhou) Biotechnology Co., Ltd.

Guangzhou Fanghua Highway Xinghang International 503, Guangdong Province.

MSDS Report No. : FC202401110101

Compilation Date : January 22, 2024

Sample Name : Shilajit resin

Composition/Ingredient of The Sample : See Section 3 on the MSDS

Service Requested : Material Safety Data Sheet (MSDS) for the sample with submitted composition.

Summary : As per request, the contents and formats of the MSDS are prepared in according with US Regulations Relating to Labor 29 CFR 1910.1200(g), and is provided per attached.

Signed for and on behalf of
FOCO Technical Center:



Jacky Wu

Technical director

Quality Inspection Engineer

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1 Identification

• Product identifier**• Trade name:**Shilajit resin**• Other means of identification:**

No available data.

• Recommended use of the chemical and restrictions on use**• Application of the substance/ mixture:**

Consumer uses, supplementation.

• Details of the supplier of the material safety data sheet**• Manufacturer/Supplier:**

Jiabei Huikang (Guangzhou) Biotechnology Co., Ltd.

Guangzhou Fanghua Highway Xinghang International 503, Guangdong Province.

Post code: 510000

Tel: +086 17688404034

Email: 2186 491103339@qq.com

National contact: +86 17688404034

• Other US contact point:

No information available.

• Further information obtainable from:

Jiabei Huikang (Guangzhou) Biotechnology Co., Ltd.

• Emergency telephone number

US Poison Center

Tel: + 1 800 222 1222 (24hours available)

2 Hazard(s) identification

• Classification of the substance or mixture:

This product is not classified according to OSHA 2012 Hazard Communication Standard (29 CFR 1910.1200).

Hazard class	Hazard category
Not applicable	Not applicable

• Classification system:

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200) and extended by company and literature data.

• Label elements**• Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)****• Hazard pictograms:**

Not applicable

• Signal word:

Not applicable

• Hazard-determining components of labelling:

Not applicable

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Trade Name: Shilajit resin**• Hazard statements:**

Not applicable

• Precautionary statement:

Not applicable

• Hazards not otherwise classified (HNOC):

No known otherwise classified hazards.

3 Composition/information on ingredients

• Chemical characterization:

Mixture

• Description:

Shilajit resin.

• Components:		
CAS No.	Composition Name	w/w, %
None	Shilajit Extract	≥97
585-88-6	Maltitol	≤2
149-32-6	Erythritol	≤0.5
7732-18-5	Water	≤0.45
8013-01-2	Yeast extract	≤0.05

4 First aid measures

• Description of first aid measures**After inhalation:**

No special measure needed normally.

After skin contact:

No special measure needed normally.

After eye contact:

Rinse cautiously with water.

If eye irritation occurs: Get medical advice/attention.

After swallowing:

Rinse mouth.

• Information for doctor**• Most important symptoms and effects, both acute and delayed:**

Acute and delayed effects are as indicated in sections 2 and 11.

• Indication of any immediate medical attention and special treatment needed:

No any immediate medical attention or special treatment needed.

5 Fire-fighting measures

• Suitable extinguishing agents:

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Trade Name: Shilajit resin*The product is not flammable.**Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.***• Special hazards arising from the substance or mixture:***No special hazard arising from the chemical.***• Special protective equipment and precaution for firefighters****Protective equipment:***Wear self-contained breathing apparatus for firefighting.***6 Accidental release measures****• Personal precautions, protective equipment and emergency procedures:***Collect the leakage timely.**Ensure adequate ventilation.**Prevent to contact with eyes.***• Environmental precautions:***Do not allow the product to enter sewers/surface or ground water.**Inform respective authorities in case of seepage into water course or sewages system.***• Methods and material for containment and cleaning up:***Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).**Ensure well ventilation.**Dispose contaminated material as waster according to item 13.***7 Handling and storage****• Handling****• Precautions for safe handling:***No special precautions for safe handling needed normally.***• Information about fire and explosion protection:***Normal measures for preventive fire protection.***• Conditions for safe storage, including any incompatibilities****• Requirements to be met by storerooms and receptacles:***Store in a cool and well-ventilated place.***• Information about storage in one common storage facility:***No further requirements.***• Further information about storage conditions:***No further requirements.***8 Exposure controls/personal protection****• Components with limit values that require monitoring at the workplace:**

CAS No.	Composition	OSHA PEL	NIOSH REL	ACGIH TLV	Cal/OSHA PEL
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None	Fulvic acid	None	None	None	None
585-88-6	Maltitol	None	None	None	None
7732-18-5	Water	None	None	None	None
8013-01-2	Yeast extract	None	None	None	None
149-32-6	Erythritol	None	None	None	None

• Additional information:

The lists that were valid during the creation were used as basis.

• **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure:**

• Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and at the end of work.

See section 7 for information about design of technical facilities.

• Personal protective equipment:**• Breathing equipment:**

Not required under normal conditions of use.

• Protection of hands:

Not required under normal conditions of use.

• Eye protection:

Not required under normal conditions of use.

• Body Protection:

Not required under normal conditions of use.

9 Physical and chemical properties

• Information on basic physical and chemical properties**• Appearance:**

Form	Paste
Color	Brown fine powder
Odor	Characteristic
Odor threshold	Not determined
• pH-value	Not determined
• Change in condition	
Melting point/melting range	Not determined
Boiling point and boiling range	100°C (Water)
• Freezing point	Not determined
• Flash point	>93°C
• Flammability	Not flammable paste
• Decomposition temperature	Not determined
• Self-ignition	Not determined
• Danger of explosion	Product dose not present explosive hazard.
• Explosion limits	
Lower:	Not determined

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Upper:	Not determined
• Oxidizing properties	Not oxidizing agent
• Vapor pressure	Not determined
• Density	Not determined
• Relative density	Not determined
• Vapor density	Not determined
• Evaporation rate	Not determined
• Solubility in/Miscibility with	
Water	Not determined
• Partition coefficient (n-octanol/water)	Not applicable
• Viscosity	
Dynamic	Not determined
Kinematic	Not determined
• Other information	Not determined

10 Stability and reactivity

• **Reactivity:**

The product is non-reactive under normal conditions of use, storage and transport.

• **Chemical stability:**

Stable under recommended storage conditions.

• **Possibility of hazardous reactions:**

No known hazardous reaction.

• **Conditions to avoid:**

No special avoid .

• **Incompatible materials:**

Strong acids, strong oxidizing agents.

• **Hazardous decomposition products:**

No known hazardous decomposition products.

11 Toxicological information

• **Acute toxicity:**

Non-toxic chemical.

Species	Effective Dose	Results	Method/Source
149-32-6 Erythritol			
Rat	LD50 oral	13500 mg/kg	ECHA registered dossier.
Rat	LD50 dermal	≥16000 mg/kg	ECHA registered dossier.

• **Primary irritant effect**

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• **Skin corrosion/irritation:**

Not irritant to skin.

• **Serious eyes damage/ irritation:**

Not irritant to eyes.

• **Sensitization:**

Not sensitive to skin or respiratory.

• **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

• **Carcinogenic categories**

• **IARC (International Agency for Research on Cancer):**

None of the ingredients is listed.

• **NTP (National Toxicology Program):**

None of the ingredients is listed.

12 Ecological information

• **Toxicity:**

Species	Effect dose	Test duration	Value
585-88-6 Maltitol			
<i>Oryzias latipes</i>	LC50	96h	>1050 mg/L
<i>Daphnia magna</i>	EC50	24h	>1450 mg/L
<i>Pseudokirchneriella subcapitata</i>	EC50	72h	>1490 mg/L
<i>Pseudokirchneriella subcapitata</i>	NOEC	72h	>=1040 mg/L
149-32-6 Erythritol			
Fish	LC50	96h	1037 g/L
Aquatic invertebrates	EC50	48h	391 g/L

• **Persistence and degradability:**

CAS	Substance	Biodegradation	Hydrolysis
585-88-6	Maltitol	73%-81%(28d)	-
149-32-6	Erythritol	>63%(28d)	-

• **Bio-accumulative potential:**

CAS	Substance	Log pow	BCF
585-88-6	Maltitol	- 3.87	-
149-32-6	Erythritol	-2.29	-

• **Mobility in soil:**

CAS	Substance	Surface tension (mN/m)	Log Koc
585-88-6	Maltitol	71.4 mN/m (1 g/L, 20°C)	-

• **Additional ecological information**

• **Other adverse effects:**

No known other adverse effects.

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13 Disposal consideration

- **Waste treatment methods**

- **Recommendation:**

Small quantities can be disposed together with household garbage.

Large quantities disposed must be in according to the local regulation.

- **Un-cleaned packaging**

- **Recommendation:**

Dispose of contents/container in according to the local regulation.

14 Transport information

DOT-DGR	This product is not subject to DOT-DGR.
IMO/IMDG (41-22)	This product is not subject to IMO/IMDG code.
IATA-DGR (65th)	This product is not subject to IATA-DGR.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

585-88-6	Maltitol	Listed
7732-18-5	Water	Listed
8013-01-2	Yeast extract	Listed
149-32-6	Erythritol	Listed

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Washington, WAC 173-334-130 (CHCC):**

None of the ingredients is listed.

- **Chemicals of Concern, published by Maine DEP on July, 2015:**

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None of the ingredients is listed.

• **Chemicals of High Concern to Children, published by Department of Health, Vermont, Rev Date Nov 24, 2014:**

None of the ingredients is listed.

• **High Priority Chemicals of Concern for children's Health, Oregon, update on May 18, 2016:**

None of the ingredients is listed.

• **Carcinogenicity categories**

• **EPA (Environmental Protection Agency):**

None of the ingredients is listed.

• **TLV (Threshold Limit Value established by ACGIH):**

None of the ingredients is listed.

• **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients is listed.

• **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients is listed.

16 Other information

The contents and format of this MSDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY:

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

• Abbreviations and acronyms:

DOT: Department of Transportation

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

PEL: Permissible Exposure Limit

TLV: Threshold limit value

REL: Recommended Exposure Limit

End of material safety data sheet