

# Biostract phytochem Co.,Ltd.

## Material Safety Data Sheet

Konjac Ceramide 3%

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product Identifier

Product Name Konjac Ceramide

#### Other means of identification

CAS Number 104404-17-3

Source Natural, Konjac tuber

Synonyms Glycosphingolipid ceramides

#### Recommended use of the chemical and restrictions on use

Recommended Use Nutritionals, Food ingredient

Uses advised against Repeated contact with food. Avoid prolonged contact with eyes and clothing.

#### Details of the supplier of the safety data sheet

Contact information Biostract phytochem Co.,Ltd.

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Shaanxi Province, China

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### 2. HAZARDS IDENTIFICATION

## **Emergency Overview:**

Target Organs	No data available
GHS Classification	Not a hazardous substance according to GHS classification standards.

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

Product Name	Konjac Ceramide
Percent	100
CAS-No	104404-17-3
Hazardous	NO
Other information	Glycosphingolipid ceramides

## **4. FIRST AID MEASURES**

### **First Aid Measures**

General Advice	Show this safety data sheet to the doctor in attendance.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.  Have eyes examined and tested by medical personnel.
Skin Contact	Wash with soap and water. Get medical attention if irritation develops or persists.
Inhalation	If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
Ingestion	Wash out mouth with water, keep at rest. Seek immediate medical attention. Do NOT induce vomiting unless directed to do so by

medical personnel.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** Water spray. Carbon dioxide (CO<sub>2</sub>). Dry powder. Foam.

**Unsuitable Extinguishing Media** No information available.

**Hazardous Combustion Products** Thermal decomposition or combustion may produce hazardous gases and/or materials.

### **Explosion Data**

Sensitivity to mechanical impact Not available.

Sensitivity to static discharge Not available.

### **Specific Hazards Arising from the Chemical**

Keep product and empty container away from heat and sources of ignition.

### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

Personal Precautions Wear appropriate personal protective equipment. After contact with skin, wash immediately with plenty of water.

Environmental Precautions Do not let product enter drains.

### **Methods and material for containment and cleaning up**

Methods for Cleaning up Sweep up and keep in suitable, closed container for disposal.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Handling	Avoid contact with eyes, skin or clothing. Do not ingest. Use only with adequate ventilation. Keep sealed when not in use. Wear appropriate personal protective equipment.
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### Conditions for safe storage, including any incompatibilities

Storage	Recommended storage temperature: -20°C. Keep container tightly closed in a dry and well-ventilated place.
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

This product contains no substances with occupational exposure limit values.

### Exposure Guidelines

No specific ventilation required.

### Appropriate engineering controls

Engineering Controls	Ensure adequate ventilation, especially in confined areas.
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### Individual protection measures, such as personal protective equipment

Eye/face Protection	Safety eyewear should be worn at all times to avoid exposure to liquid splashes, mists, or dusts. Recommended: Safety glasses with side shields or goggles.
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Skin and body protection	Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. Recommended: Lab coat
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Hand protection	For prolonged or repeated contact use protective gloves.
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Recommended: Nitrile rubber

## Respiratory Protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance	Solid, brown
Physical State	Powder
Odor	Bland Characteristic, not rancid
Odor Threshold	No information available
pH	5,5-7,0
Melting/freezing point	No data available
Boiling Point/Range	No information available
Flash Point	No data available
Evaporation Rate	
Flammability (solid, gas)	

### Flammability Limits in Air

upper flammability limit	No information available
lower flammability limit	Not available
Vapor Pressure	Not available

Vapor Density	Not available
Specific Gravity	No information available
Water Solubility	Insoluble
Solubility in other solvents	Not available
Partition coefficient	Not available
Decomposition temperature	No data available
Viscosity, kinematic	No information available
Viscosity, dynamic	Not available

### **Other Information**

Softening Point	No information available
Molecular Weight	No information available
VOC Content	No information available
Density	No information available
Bulk Density	No information available

## **10. STABILITY AND REACTIVITY**

Reactivity	Stable under recommended storage conditions.
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Heat, flames and sparks. Protect from light. Extremes of temperature and direct sunlight. Hygroscopic. Avoid moisture.
Incompatible Materials	No data available
Hazardous Decomposition Products	No data available
Possibility of Hazardous Reactions	No data available

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

Acute toxicity:	Not classified
	This product is not toxic and it is used as food ingredient.
Ld50 oral rat:	Not applicable.
LD50 dermal rabbit	Not applicable.
LC50 inhalation rat (mg/l)	Not applicable.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.

### Information on toxicological effects

Symptoms	No information available.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Eye damage/irritation	No information available.
Skin Corrosion/Irritation	No information available.
Sensitization	No information available.
Reproductive Effects	No information available.
Mutagenic Effects	No information available.
Developmental Effects	No information available.
STOT - single exposure	No information available.
STOT - Repeated Exposure	No information available.
Chronic Toxicity	No information available.

Aspiration Hazard

No information available.

## 12. ECOLOGICAL INFORMATION

### Toxicity

No ecological data available for this product.

Persistence / Degradability

No data available

Bioaccumulation / Accumulation

No information available.

Mobility in Soil

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Waste Disposal Method

Observe all federal, state and local environmental regulations.

## 14. TRANSPORT INFORMATION

In accordance with RID/ADR/IMO/IATA

UN number

UN proper shipping name

Hazard classes

Not hazardous.

Hazard label

No symbol.

Packing group

III

Environmental hazards

Not dangerous goods

Marine pollutant

Not dangerous goods

## 15. REGULATORY INFORMATION

Consult national or regional legislation.

## Section 16: Other information



MSDS Creation Date

July, 1th, 2018

References

WORLD HEALTH ORGANIZATION, 1993, Toxicological evaluation of certain food additives and contaminants (WHO Food Additives Series 30), konjac four, 15 pages.

Glossary/Abbreviation

ADI : Acceptable Daily Intake.

CLP : Classification, Labeling and Packaging.

DSCL : Dangerous Substances Classification and Labelling.

EU : European Union.

INS : International Numbering System for Food Additives.

JECFA : Joint WHO/FAO Expert Committee on Food Additives.

LD50 : Lethal Dose 50 is the dose required to kill half the members of a tested population after a specified test duration.

MSDS : Material Safety Data Sheet.

PBT : Persistent, Bioaccumulative and Toxic chemicals.

UN n° : Four-digit numbers that identify hazardous substances and articles( such as explosives, flammable liquids, toxic substances, etc.) in the framework of international transport.

USA : United States of America.

vPvB : very Persistent and very Bioaccumulative Chemicals.

WHO : World Health Organization

**End of the Material Safety Data Sheet.**