

中和方源（天津）生物技术有限公司  
**Zhonghe Fountain(Tianjin)Biotech Ltd.**

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**Cosmate®EGT**

**MATERIAL SAFETY DATA SHEET**

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Version 6.0    Date/revised:Mar.06,2023

**1. Identification of the product and of the company**

**1.1 Product details**

Trade Name: Cosmate ®EGT

Product Name:Ergothioneine

**1.2 Supplier's details**

Company: Zhonghe Fountain(Tianjin)Biotech Ltd.

Address: No.75-907,Chongqing Street, Changqing Science, Industry and Trade Park, Weishan-Nan Road,  
Jinnan District, Tianjin, China

Tel.: 0086-22-28588176

**SECTION 2: Hazard identification**

**2.1 Classification of the substance or mixture**

no data available

**2.2 GHS label elements, including precautionary statements**

**Pictogram(s)**

no data available

**Signal word**

no data available

**Hazard statement(s)**

no data available

**Precautionary statement(s)**

**Prevention**

no data available

**Response**

no data available

**Storage**

no data available

**Disposal**

no data available

**2.3 Other hazards which do not result in classification**

no data available

## **SECTION 3: Composition/information on ingredients**

### **3.1 Substances**

<b>Chemical name</b>	<b>Common names and synonyms</b>	<b>CAS No.</b>	<b>EC No.</b>	<b>%</b>
<b>Ergothioneine</b>	<b>Ergothioneine</b>	<b>497-30-3</b>	<b>-</b>	<b>≥99.0%</b>

## **SECTION 4: First-aid measures**

### **4.1 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.

### **4.2 Most important symptoms/effects, acute and delayed**

no data available

### **4.3 Indication of immediate medical attention and special treatment needed, if necessary**

no data available

## **SECTION 5: Fire-fighting measures**

### **5.1 Suitable extinguishing media**

Use dry chemical, carbon dioxide or alcohol-resistant foam.

### **5.2 Specific hazards arising from the chemical**

no data available

### **5.3 Special protective actions for fire-fighters**

Wear self-contained breathing apparatus for firefighting if necessary

## **SECTION 6: Accidental release measures**

### **6.1 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.

### **6.2 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.

### **6.3 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

## **SECTION 7: Handling and storage**

### **7.1 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.

### **7.2 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.

## **SECTION 8: Exposure controls/personal protection**

### **8.1 General protective and hygienic measures:**

Keep away from foodstuffs and beverages.  
Immediately remove all contaminated clothing.  
Wash hands before break and at the end of work.  
Avoid contact with the eyes and skin

**8.2 Respiratory protection:** The respiratory protection is required when dust are generated.

**8.3 Protection of hands:** Protective gloves.

**8.4 Eye protection:** Tightly sealed goggles.

**8.5 Body protection:** Protective work clothing

## **SECTION 9: Physical and chemical properties and safety characteristics**

### **Physical state**

Power

### **Colour**

Off-white

### **Loss on drying**

≤1.0%

### **Combustion residue**

No Data available

### **Melting point/Melting range**

No Data available

### **Flash point**

No Data available

### **Danger of explosion**

No Data available

**Flammability (solid, gaseous)** No Data available

## **SECTION 10: Stability and reactivity**

**10.1 Stability:** Stable under recommended storage conditions.

**10.2 Conditions to be avoided:** Protect from light; protect from moisture.

**10.3 Materials to be avoided:** Strong Oxidizing agents

**10.4 Dangerous reaction:** No information available

**10.5 Dangerous decomposition products:** No information available

## **SECTION 11: Toxicological information**

**11.1 Acute toxicity:** Not thoroughly studied.

**11.2 Primary irritant effect:** No irritating effect

**11.3 On the skin:** No irritating effect

**11.4 On the eye:** May be an irritant

**11.5 Additional information:** When use and handle according to the lab safety guidelines, the product does not have any harmful effects to our experience and the information provided to us.

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

no data available

### **12.2 Persistence and degradability**

no data available

### **12.3 Bioaccumulative potential**

no data available

### **12.4 Mobility in soil**

no data available

### **12.5 Other adverse effects**

no data available

## **SECTION 13: Disposal considerations**

### **13.1 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.

## **SECTION 14: Transport information**

**ADR/RID Proper shipping name:** Not dangerous goods

**IMDG/IMO Proper shipping name:** Not dangerous goods

**ICAO/IATA Proper shipping name:** Not dangerous goods

## **SECTION 15: Regulatory information**

### **Indication of Danger:**

No declaration according to 67/548/EWG

**SECTION 16: Other information**

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. We as supplier shall not be held liable for any damage resulting from handling or from contact with the above product.