

**MATERIAL SAFETY - Hydrolyzed Silk Protein (Sericin)**

**1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY INFORMATION**

**Product Name:** Hydrolyzed Silk Protein (Sericin, Powder)  
**Supplier:** Chanjao Longevity Co., Ltd. 375 Pattanakarn Road, Bangkok 10250 Thailand  
**Emergency Phone No.:** +662-002-7-002  
**Fax No.:** +662-717-7176

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Composition (%)
HYDROLYZED SILK	96690-41-4	100

**Hazard Symbols:** Not listed  
**Risk Phrases:** Not listed

**3. HAZARD IDENTIFICATION**

The toxicological properties of this material have been fully investigated.

**Potential Health Effects**

**Eye:** Irritation can develop.  
**Skin:** Irritation can develop.  
**Ingestion:** Over-exposure can be hazardous.  
**Inhalation:** Irritation can develop.

**4. FIRST AID MEASURES**

**Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.  
**Skin Contact:** Flush skin with plenty of soap and water – get medical attention if irritation occurs.  
**Inhalation:** Remove to fresh air.  
**Ingestion:** Do not induce vomiting. Call a physician immediately if large amount swallow.  
**Notes to Physician:** None

**MATERIAL SAFETY - Hydrolyzed Milk (Casein) Protein**

**5. FIRE FIGHTING MEASURES**

**General Information:**

Material is not flammable.

**Extinguishing Media:**

Dry Chemical, Carbon Dioxide, Foam.

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**6. ACCIDENTAL RELEASE MEASURES**

**General Information:**

Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water.

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**7. HANDLING AND STORAGE**

**Handling:**

Keep away from oxidizing agents and excessive heat.

**Storage:**

Store in cool temperature and protect from moisture and air.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal Protection:**

**Eyes:** Safety glasses may be worn.

**Skin:** Lab coats and gloves may be worn.

**Clothing:** General lab coats.

**Respirators:** Required for dust protection.

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**MATERIAL SAFETY - Hydrolyzed Milk (Casein) Protein**

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Powder
<b>Color:</b>	Off-white
<b>Odor:</b>	Characteristics
<b>pH:</b>	4.5-7.0
<b>Solubility in water:</b>	Soluble in water

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**10. STABILITY AND REACTIVITY**

**Stability:**

Product is stable under normal storage condition. Avoid strong alkaline, strong acid and oxidative stress.

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**11. TOXICOLOGICAL INFORMATION**

**LD50/LC50:** Not available.

**Carcinogenicity:** Not available.

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**12. ECOLOGICAL INFORMATION**

Biodegradable.

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**13. DISPOSAL CONSIDERATION**

**Waste from Residue/Unused Products:**

Dispose of in a manner consistent with federal, state, and local regulations.

**This compound is NOT on the EPA Toxic Substances Control Act (TSCA) inventory list.**

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**14. TRANSPORT REGULATIONS**

**IATA** No information available.

**IMO** No information available.

**RID/ADR** No information available.

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**15. REGULATORY INFORMATION**

This material is intended to be used as a cosmetic ingredient.

**Hazard Symbol(s):** Not available.

**Risk Phrase(s):** Not available.

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**16. OTHER INFORMATION**

The information provided in this material safety data sheet is correct to the best of our knowledge. No warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Chanjao Longevity assumed no responsibility for any personal injury or property damage caused by the materials. Users assume all risks associated with the use of the materials.

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