

**MATERIAL SAFETY - Linked Papain**

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

**Product Name:** Linked Papain

**Supplier:** Chanjao Longevity Co., Ltd. 50 Ramindra 14, Bangkok 10230 Thailand

**Emergency Phone No.:** +662-002-7-002

**Fax No.:** +662-001-7-022

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Composition (%)
Aqua	7732-18-5	90-97%
Papain	9001-73-4	0.7-4%
Carbomer	9003-01-4	0.3-1%
1,2-Hexanediol	6920-22-5	0.3-1%
Caprylyl Glycol	1117-86-8	0.3-1%

**3. HAZARD IDENTIFICATION**

The toxicological properties of this material have been investigated. The product is non-irritant at regular amount.

**Potential Health Effects**

Eye: May cause irritation on susceptible persons.

Skin: May cause irritation on susceptible persons.

Ingestion: N/A

Inhalation: N/A

Chronic: N/A

**4. FIRST AID MEASURES**

**Eye Contact:** Flush eyes with plenty of water

**Skin Contact:** Wash with soap and water

**Ingestion:** Provide large amount of water. Seek medical help

**Inhalation:** Remove to fresh air

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**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, excessive heat and ignition source.

**Storage:**

Store in room temperature under a sealed container. Protect from heat and sunlight.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal Protection:**

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

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

**Clothing:** General lab coats.

**Respirators:** Not needed under normal conditions of use.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Liquid
<b>Color:</b>	Off-white
<b>Odor:</b>	Faint specific odour
<b>Solubility:</b>	Water, Butylene glycol, Propylene glycol

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**10. STABILITY AND REACTIVITY**

**Stability:**

Stable under normal temperatures and pressures.

**Conditions to Avoid:**

Incompatible materials, sources of ignition and open flame.

**Incompatibilities:**

Highly reactive with oxidizing agents.

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**11. TOXICOLOGICAL INFORMATION**

**LD50:** WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. >5,000mg/kg (rat,oral)

**Carcinogenicity:** Not available.

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**12. ECOLOGICAL INFORMATION**

>95% 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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