

**MATERIAL SAFETY - L-Carnitine**

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

**Product Name:** L-Carnitine

**Supplier:** Chanjao Longevity Co., Ltd. 375 Pattanakarn Road, Bangkok 10250 Thailand

**Emergency Phone No.:** +662-300-3666

**Fax No.:** +662-717-7176

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Composition (%)
L-Carnitine	541-15-1	100%

**Hazard Symbols:** Not listed

**Risk Phrases:** Not listed

**3. HAZARD IDENTIFICATION**

This product is non-hazardous but, as with all chemicals handle with care.

**Potential Health Effects**

**Eye:** May cause eye irritation.

**Skin:** May cause skin irritation.

**Ingestion:** May cause irritation of the digestive tract.

**Inhalation:** May cause respiratory tract irritation.

**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:** Drink plenty of milk or water.

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**5. FIRE FIGHTING MEASURES**

**General Information:**

May be combustible at high temperature.

**Extinguishing Media:**

Dry Chemical, Sand, 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 into absorbent material. Wash area with soap and water.

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**7. HANDLING AND STORAGE**

**Handling:**

Keep away from moisture, light and heat.

**Storage:**

Store in cool and dry area, kept container tightly closed. Do not expose to sunlight. **Do not expose to moisture**

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal Protection:**

**Eyes:** Safety glasses / splash goggles.

**Skin:** Lab gloves.

**Clothing:** Lab clothes.

**Respirators:** Uses certified/approved respirator.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Solid hygroscopic powder
<b>Color:</b>	White, Off-White
<b>Odor:</b>	Characteristics
<b>Solubility in water:</b>	Soluble in water
<b>Melting Point:</b>	196 C (decomposes)
<b>Vapor Pressure:</b>	Not Available
<b>Molecule Weight:</b>	161.2g/mole

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**10. STABILITY AND REACTIVITY**

**Stability:**

Stable under normal temperatures and pressures.

**Conditions to Avoid:**

Incompatible materials listed below. Hazardous Polymerization will not occur.

**Incompatibilities:**

Oxidizing agents, strong acids, strong alkalis, excessive heat or light

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**11. TOXICOLOGICAL INFORMATION**

**Substance toxicology has not been fully investigated but generally non-toxic, although irritant on direct contact or direct ingestion or direct inhalation.**

**LD50/LC50:** Not available.

**Carcinogenicity:** Not available.

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**12. ECOLOGICAL INFORMATION**

Not available.

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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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