

MATERIAL SAFETY - Alpha Lipoic Acid

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY INFORMATION

Product Name: Alpha Lipoic Acid

Supplier: Chanjao Longevity Co., Ltd. 50 Ramindra 14, Bangkhen, 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 (%)
1,2-dithiolane-3-pentanoic acid	1077-28-7	>98%

3. HAZARD IDENTIFICATION

The material is generally non-hazardous.

Potential Health Effects

Eye: Irritation can develop.

Skin: Irritation can develop.

Ingestion: Not available.

Inhalation: Not available.

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: No first aid should be needed. If discomfort occurs, remove to fresh air.

Ingestion: Get medical attention if symptoms appear.

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5. FIRE FIGHTING MEASURES

General Information:

Product is nonflammable.

Extinguishing Media:

Dry Chemical, Carbon Dioxide, Foam, Powder.

6. ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Contain spill and soak up excess with compatible absorbent material.

7. HANDLING AND STORAGE

Handling:

Avoid eye and skin contact. Do not take internally. Use with adequate ventilation.

Storage:

Keep container tightly closed and away from oxidizing materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection:

Eyes: Safety glasses.

Skin: Lab coats and gloves.

Respirators: Use approved/certified respirator.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder / Yellowish
Odor:	Characteristics
pH	Not available.
Vapor Pressure:	Not available.
Melting Point:	60-63C
Solubility in water:	None

10. STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

11. TOXICOLOGICAL INFORMATION

Substance is generally non-toxic and non-irritant. The substance has very low toxicity even at high exposure.

LD50/LC50: > 5g/kg (rat / skin).

Carcinogenicity: Not available.

12. ECOLOGICAL INFORMATION

No data 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.

14. TRANSPORT REGULATIONS

IATA No information available.

IMO No information available.

RID/ADR No information available.

15. REGULATORY INFORMATION

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

Hazard Symbol(s): Not available.

Risk Phrase(s): Not available.

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.
