

**MATERIAL SAFETY - Dihydroxyacetone (DHA)**

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

**Product Name:** Dihydroxyacetone (DHA)  
**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 (%)
DIHYDROXYACETONE	96-26-4	100%

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

**3. HAZARD IDENTIFICATION**

This product is not known to be hazardous but, as with all chemicals handle with care.

**Potential Health Effects**

**Eye:** Non-toxic but may irritate.  
**Skin:** Non-toxic but may irritate on susceptible persons.  
**Ingestion:** Non-toxic but large amount may cause health concerns.  
**Inhalation:** Over-exposure may cause irritation on nose and throat.

**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:** Seek immediate medical attention if swallowed.

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**5. FIRE FIGHTING MEASURES**

**General Information:**

The material is flammable but not combusive.

**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 light and heat.

**Storage:**

Store in room temperature 15-25 Degree Celsius, kept container tightly closed. Do not expose to sunlight.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal Protection:**

**Eyes:** Safety glasses.

**Skin:** Lab gloves.

**Clothing:** Lab clothes not required but recommended.

**Respirators:** Certified/Approved respirator recommended.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Powder
<b>Color:</b>	White to Pale Yellow
<b>Odor:</b>	Slight
<b>Solubility in water:</b>	Insoluble
<b>Decomposition Temperature:</b>	>300C

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**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Very stable under normal conditions of storage and handling.
<b>Conditions to Avoid:</b>	None
<b>Incompatibilities:</b>	None

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**11. TOXICOLOGICAL INFORMATION**

<b>Substance is generally non-toxic and non-irritant.</b>
<b>LD50/LC50:</b> Not available.
<b>Carcinogenicity:</b> 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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