

**MATERIAL SAFETY - Citric Acid (Anhydrous)**

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

**Product Name:** Citric Acid (Anhydrous)  
**Supplier:** Chanjao Longevity Co., Ltd. 375 Pattanakarn Road, Bangkok 10250 Thailand  
**Emergency Phone No.:** +662-002-7-002  
**Fax No.:** +662-001-7-022

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

ORAL (LD50): Acute: 5040 mg/kg [Mouse]. 3000 mg/kg [Rat].

Chemical Name	CAS#	Composition (%)
Citric Acid	77-92-9	100%

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

**3. HAZARD IDENTIFICATION**

Hazardous in case of eye contact (irritant), of inhalation (lung irritant). Slightly hazardous in case of skin contact (irritant, sensitizer), of ingestion. The amount of tissue damage depends on length of contact. Eye contact can result in corneal damage or blindness. Skin contact can produce inflammation and blistering. Severe over-exposure can produce lung damage, choking, unconsciousness or death

**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 unless directed to do so by medical personnel.

**MATERIAL SAFETY - Citric Acid (Anhydrous)**

**5. FIRE FIGHTING MEASURES**

**General Information:**

Material may be combustible at high temperature. Auto-Ignition at 1010C. Slight flammable in presence of heat, open flames and sparks.

**Extinguishing Media:**

Dry Chemical, Sand, Carbon Dioxide, Foam.

---

**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 water.

---

**7. HANDLING AND STORAGE**

**Handling:**

Keep away from moisture, light and heat.

**Storage:**

Store in room temperature 20-25 Degree Celsius, kept container tightly closed. Do not expose to sunlight. Do not expose to moisture

---

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal Protection:**

**Eyes:** Safety glasses.

**Skin:** Lab gloves.

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

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

---

**MATERIAL SAFETY - Citric Acid (Anhydrous)**

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Solid crystalline powder
<b>Color:</b>	Not available
<b>Odor:</b>	Acid
<b>pH:</b>	Not available
<b>Specific Gravity:</b>	1.665
<b>Solubility in water:</b>	Soluble
<b>Melting Point:</b>	153 Degree C
<b>Vapor Pressure:</b>	Not Available

---

**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

---

**11. TOXICOLOGICAL INFORMATION**

**LD50/LC50:** Acute oral toxicity (LD50): 3000 mg/kg [Rat]

**Carcinogenicity:** Not available.

---

**12. ECOLOGICAL INFORMATION**

Biodegradable.

**MATERIAL SAFETY - Citric Acid (Anhydrous)**

**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.

---