

**MATERIAL SAFETY DATA SHEET – Hyaluronic Acid**

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

**Product Name:** Hyaluronic Acid  
**Origin:** Fermentation of streptococcus zooepidemicus  
**Country of Origin:** Japan  
**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#	EINECS#
Hyaluronic Acid, Sodium Salt	9067-32-7	

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

**3. HAZARD IDENTIFICATION**

The toxicological properties of this material have not been fully investigated.

**Potential Health Effects**

**Eye:** May causes eye irritation.  
**Skin:** May cause skin irritation. May be harmful if absorbed through the skin.  
**Ingestion:** May cause irritation of the digestive tract. May be harmful if swallowed.  
**Inhalation:** May cause respiratory tract irritation. May be harmful if inhaled.  
**Chronic:** Not available.

**4. FIRST AID MEASURES**

**Eye Contact:**  
**Ingestion:**  
**Notes to Physician:**  
**Skin Contact:**

**Inhalation:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

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resh air immediately. Get medical aid. Wash mouth out with water.

Treat symptomatically and supportively.

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**5. FIRE FIGHTING MEASURES**

**General Information:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Extinguishing Media:**

Use water spray, dry chemical, carbon dioxide, or chemical foam.

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**6. ACCIDENTAL RELEASE MEASURES**

**General Information:**

Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Vacuum or sweep up material and place into a suitable disposal container.

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**7. HANDLING AND STORAGE**

**Handling:**

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

**Storage:**

Store in a tightly closed container. Store in a dry area.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Control:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Personal Protection:**

**Eyes:** Wear chemical goggles.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear a chemical apron.

**Respirators:** A NIOSH/MSHA approved air purifying dust or mist respirator or European Standard EN 149.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Powder, Solid
<b>Color:</b>	White to off-white
<b>Odor:</b>	Not available.
<b>pH</b>	0.5% Solution 6.0-7.0
<b>Vapor Pressure:</b>	Not available.
<b>Viscosity:</b>	Not available.
<b>Boiling Point:</b>	Not available.
<b>Freezing/Melting Point:</b>	Not available.
<b>Autoignition Temperature:</b>	Not available.
<b>Flash Point:</b>	Not available.
<b>Solubility in water:</b>	Soluble (Cold)

**10. STABILITY AND REACTIVITY**

**Stability:**

Stable under normal temperatures and pressures.

**Conditions to Avoid:**

Excess heat, incompatible materials, dust generation.

**Incompatibilities:**

Not Available.

**Hazardous Decomposition Products:**

Not Available.

**Polymerization:**

Will not occur.

**11. TOXICOLOGICAL INFORMATION**

**Route of Entry:**

Inhalation, Ingestion

**LD50/LC50:**

>800 mg / kg (Rat).

**Chronic Effects on Humans:**

Not available

**Other Topic Effects on Humans:**

Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

**Special Remarks on other Toxic Effects on Humans:**

Acute Potential Health Effects: Skin: It may cause skin irritation. However, no information regarding skin irritation was found. Eyes: It may cause eye irritation. However, no information regarding eye irritation was found. Inhalation: May cause respiratory tract irritation. Ingestion: It may cause gastrointestinal tract information with nausea and vomiting. It may affect blood (normocytic anemia, change in leukocyte count), metabolism, behavior (ataxia, convulsions), respiration (respiratory stimulation), and urinary system. The toxicological properties of this substance have not been fully investigated.

**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.

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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**

Classification according to European directive on classification of hazardous preparations 90/492/EEC

**Hazard Symbol(s):** Not available.  
**Risk Phrase(s):** Not available.  
**Safety Phrase(s):** S 24/25 Avoid contact with skin and eyes.

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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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