

**MATERIAL SAFETY - Zinc Oxide Nano EasyDisperse™**

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

**Product Name:** Zinc Oxide Nano EasyDisperse™  
**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 (%)
Zinc Oxide	1314-13-2	96%
Triethoxycaprylylsilane	2943-75-1	4%

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

**3. HAZARD IDENTIFICATION**

The toxicological properties of this material have been investigated.

**Potential Health Effects**

**Eye:** Temporary irritation can develop.  
**Skin:** Slightly hazardous.  
**Ingestion:** Slightly hazardous.  
**Inhalation:** Hazardous.

**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. Get medical attention if breathing is difficult.  
**Ingestion:** Get medical attention if symptoms appear.

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**5. FIRE FIGHTING MEASURES**

**General Information:**

Material is not flammable

**Remark on explosion hazard:**

May explode when mixed with chlorinated rubber. Zinc Oxide and Magnesium can react explosively when heated.  
May also react with linseed oil and generate heat.

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**6. ACCIDENTAL RELEASE MEASURES**

**General Information:**

Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Use appropriate tools to put the spilled solid in a waste disposal container.

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**7. HANDLING AND STORAGE**

**Handling:**

Keep locked up. Do not ingest. Do not breath dust. Keep away from incompatibilities such as acids.

**Storage:**

Keep container tightly closed. Do not store above 25C.

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**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**

<b>Physical State:</b>	Solid powder
<b>Color:</b>	White
<b>Odor:</b>	Odorless
<b>pH</b>	Not available.
<b>Vapor Pressure:</b>	Not available.
<b>Boiling Point:</b>	Not available.
<b>Flash Point:</b>	Not available.
<b>Solubility in water:</b>	Insoluble (soluble in diluted acetic acid)
<b>Specific Gravity/Density:</b>	Please refer to spec.

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**10. STABILITY AND REACTIVITY**

**Stability:**

Stable under normal temperatures and pressures.

**Conditions to Avoid:** Incompatible materials remarked in section 5.

**Incompatibilities:**

Magnesium, linseed oil, hydrochloric acid, sulfuric acid and hydrogen fluoride.

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**11. TOXICOLOGICAL INFORMATION**

**Substance is generally non-toxic and non-irritant**

**LD50/LC50:** Acute oral LD50: 7650mg/kg (mouse).

**Carcinogenicity:** Mutagenic for mammalian somatic cells and for bacteria and yeast.

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**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.**

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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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