

MATERIAL SAFETY - Zinc Oxide (Micronized)

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY INFORMATION

Product Name: Zinc Oxide (Micronized)
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

Chemical Name	CAS#	Composition (%)
Zinc Oxide	1314-13-2	100%

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.

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.

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.

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

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.

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.

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.
