



# Safety Data Sheet

Zinc Oxide

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## SECTION 1. IDENTIFICATION

**Product Name:** Zinc Oxide  
**INCI Name:** Zinc Oxide  
**CAS#:** 1314-13-2  
**Recommended Use:** Topical Cosmetic Use  
**Supplier:** **Bulk Naturals Wholesale LLC.**  
212 N Jefferson Unit 12A Ava, Mo 65608, USA  
**Telephone No. (24hrs):** 1-573-465-0612  
**Emergency Telephone # :** **1-573-465-0612(Mon-Fri: 8:00AM – 5:00PM CST)**

## SECTION 2. HAZARD(S) IDENTIFICATION

**GHS Classification:** Acute hazards to the aquatic environment, category 1  
Chronic hazards to the aquatic environment, category 1

### GHS Label Elements



**Signal:** Warning.  
**Hazard statement(s):** Toxic to aquatic life with long-lasting effects.  
**Precautionary statement(s):** If medical advice is needed, have a product container or label at hand  
Keep out of reach of children. Read the label before use. Avoid release to the environment. Collect spillage. Dispose of contents and containers to an approved waste disposal plant.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
Zinc Oxide	1314-13-2	215-222-5	100.0%

## SECTION 4. FIRST AID MEASURES

**Eye contact:** Immediately flush your eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin contact:** Rinse skin thoroughly with large amounts of water. Remove contaminated clothing and shoes.

**Inhalation:** In inhaled, remove to fresh air. Get medical attention. Not an expected route of exposure.

**Ingestion:** If swallowed by mistake, get medical advice/attention immediately.

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## SECTION 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Use extinguishing media that are suitable for combustible materials.

**Unsuitable extinguishing media:**

Water spray, water jet.

**Precautions for firefighters:**

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

**Resulting gases:**

Carbon oxides.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Equip a clean crew with proper protection. Respiratory protection equipment may be necessary.

**Environmental precautions:**

Prevent entry to sewers and public waters. Notify authorities if the product enters sewers or public waters.

**Methods for cleaning up:**

To prevent the formation of dust, avoid dry sweeping, and use a vacuum or cleaning system with water spray.

## SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**

Avoid generating and spreading dust. Avoid inhalation of dust.

**Recommended Storage Conditions:**

Store in a cool and dry location. Spilled material (both wet and dry) may cause slippery conditions. Care should be exercised when walking on spills.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eyes:**

Use tightly sealed goggles.

**Skin:**

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

**Respiratory:**

In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Off - white solid powder.

**Odor:**

Odorless.

**Solubility:**

7.50 g/l aqueous solution (susp)

**Appearance:**

5.610 g/cm<sup>3</sup>.

**Odor:**

Insoluble in water.

**Solubility:**

1975°C.

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## SECTION 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under normal temperature conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid:</b>	Incompatible materials. Dust generation.
<b>Incompatible materials:</b>	Strong oxidizing agents. Magnesium. Chlorinated rubber.
<b>Hazardous decomposition products:</b>	Zinc oxides.

## SECTION 11. TOXICOLOGICAL INFORMATION

<b>Skin contact:</b>	Adverse skin effects should be prevented by normal care and personal hygiene.
<b>Eye contact:</b>	Not expected to be an irritant

## SECTION 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.
<b>Persistence and degradability:</b>	No additional data available.

## SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

## SECTION 14. TRANSPORT INFORMATION

<b>UN Number:</b>	3077
<b>UN proper shipping name:</b>	Environmentally Hazardous Substance, solid, n.o.s. (Zinc Oxide).
<b>Transport hazard class:</b>	9 Miscellaneous dangerous substances and articles.
<b>Packaging group:</b>	III

## SECTION 15. REGULATORY INFORMATION

This material is not classified as Dangerous according to the health and physical properties criteria of the EU Directives on the classification of substances and preparation.

## SECTION 16. OTHER INFORMATION

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