

Safety Data Sheet (SDS)

ZINC OXIDE

1. Identification of the Substance	PRODUCT NAME: Zinc Oxide DISTRIBUTOR: EcoFusion Inc., PO Box 251408. Plano, TX 75025 – 1408 (USA) TEL: +1 972 403 7449 FAX: +1 214 291 5348 EMERGENCY: CHEMTREC 800 424 9300
2. Hazards Identification	EMERGENCY OVERVIEW: May cause eye, skin, and respiratory tract irritation. Inhalation may cause metal-fume fever. EYES: Dust may cause mechanical irritation. SKIN: Prolonged and/or repeated contact may cause irritation and/or dermatitis. INHALATION: Effects may be delayed. May cause respiratory tract irritation. INGESTION: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Moderately toxic to humans by ingestion. The toxicological properties have not been fully investigated.
3. Composition / Information on Ingredients	CHEMICAL FORMULA: ZnO EINECS #: 215-222-5 CAS NO.: 1314-13-2 INGREDIENTS: Zinc % (BY WEIGHT): 90-100% CLASSIFICATION: Not Regulated
4. First Aid Measures	SKIN: In case of contact, immediately wash skin with soap and copious amounts of water. Call a physician. EYES: Flush eyes with water, including under upper and lower lids, for at least 15 minutes. Get medical attention if pain and irritation persists. INGESTION: If swallowed, wash out mouth with water provided person is conscious. Call a physician. INHALATION: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
5. Fire Fighting Measures	EXTINGUISHING MEDIA: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire HAZARDS: Contact with metals may evolve flammable hydrogen gas. Emits toxic fumes under fire conditions. PROTECTION: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
6. Accidental Release Measures	SPILL: Evacuate area. DISPOSAL METHODS: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.
7. Handling and Storage	HANDLING: Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. STORAGE: Store in a tightly closed container. Store in a cool, dry, wellventilated area away from incompatible substances
8. Exposure Controls / Personal protection	ENGINEERING CONTROLS: Safety shower and eye bath required. Mechanical exhaust required.

	<p>EXPOSURE LIMITS: No information available. PERSONAL PROTECTIVE EQUIPMENT EYE: Chemical safety goggles CLOTHING & SKIN: Compatible chemical-resistant gloves. RESPIRATORS: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).</p>
9. Physical and Chemical properties	<p>PHYSICAL STATE: White Powder ODOUR: Odorless MELTING POINT: 1975 Deg C BOILING POINT: NA SOLUBILITY IN WATER: NA MOLECULAR WEIGHT: 81.39 BULK DENSITY: 5.6 g/mL</p>
10. Stability and Reactivity	<p>STABILITY: Stable under ordinary conditions of use and storage. CONDITIONS TO AVOID: Dust Generation MATERIALS TO AVOID: Magnesium, chlorinated rubber HAZARDOUS POLYMERIZATION: Will not occur HAZARDOUS DECOMPOSITION PRODUCTS: Toxic fumes of zinc oxide</p>
11. Toxicological Information	NA
12. Ecological Information	No Data Available
13. Disposal Considerations	METHODS OF DISPOSAL: Dispose of according to all applicable governments' regulation.
14. Transport Information	Not Regulated
15. Regulatory Information	<p>US CLASSIFICATION AND LABEL TEXT: Dangerous for the environment. Risk Statements: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Safety Statements: This material and its container must be disposed of as hazardous waste SARA listed: Yes TSCA inventory item: Yes</p>
16. Other Information	N/A

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USERS' RESPONSIBILITY TO SATISFY THEMSELVES AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR THEIR OWN PARTICULAR USE.

All non-emergency questions should be Directed to Customer Service at

24 hour emergency Telephone: Chemtrec 800-424-9300
National response in Canada: Canutec 613-996-6666
Outside US & Canada: Chemtrec: 202-483-7616

Note: Chemtrec and Canutec emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, exposure or accident involving chemicals.