

Safety Data Sheet (SDS)

ZINC SULFATE HEPTAHYDRATE

1. Identification of the Substance	PRODUCT NAME: Zinc Sulfate Heptahydrate 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	WARNING! Causes severe eye irritation and possible eye injury. Causes skin and respiratory tract irritation. May be harmful if swallowed. Very toxic to aquatic organisms. POTENTIAL HEALTH EFFECTS EYES: Contact may cause severe eye irritation and possible eye damage. SKIN: Causes skin irritation. INGESTION: May cause irritation of the digestive tract. May be harmful if swallowed. INHALATION: Dust is irritating to the respiratory tract. May be harmful if inhaled.
3. Composition / Information on Ingredients	CHEMICAL FORMULA: ZnSo4.7H2O MOLECULAR WEIGHT: 287.55 CAS NO.: 7746-20-0 INGREDIENTS: Zinc, Sulfur % (BY WEIGHT): 99%
4. First Aid Measures	EYES: In case of contact, immediately flush eyes with plenty of water for a t least 15 minutes. Get medical aid immediately. SKIN: In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse. INGESTION: If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical aid. INHALATION If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
5. Fire Fighting Measures	EXTINGUISHING MEDIA: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. GENERAL INFORMATION: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
6. Accidental Release Measures	SPILLS: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation. This material is a water pollutant and should not be emptied into drains.
7. Handling and Storage	HANDLING: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid breathing dust. STORAGE: Store in a cool, dry, well-ventilated area away from incompatible substances.
8. Exposure Controls / Personal protection	ENGINEERING CONTROLS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate

	<p>ventilation to keep airborne concentrations low.</p> <p>PERSONAL PROTECTIVE EQUIPMENT:</p> <p>EYES: Wear chemical splash goggles.</p> <p>SKIN: Wear appropriate protective gloves to prevent skin exposure.</p> <p>CLOTHING: Wear appropriate protective clothing to prevent skin exposure.</p> <p>RESPIRATORS: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.</p>
9. Physical and Chemical properties	<p>PHYSICAL STATE: White Crystals</p> <p>ODOUR: Odorless</p> <p>DECOMPOSITION TEMPERATURE: > 500 deg C</p> <p>SOLUBILITY: Soluble in water</p> <p>SPECIFIC GRAVITY/DENSITY: 3.54 g/cm³ @ 25°C</p>
10. Stability and Reactivity	<p>STABILITY: Stable under normal temperatures and pressures. Efflorescent (lose water molecules of hydration) in dry air.</p> <p>CONDITIONS TO AVOID: Excess heat.</p> <p>MATERIALS TO AVOID: Strong bases.</p> <p>HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of sulfur, toxic fumes of zinc oxide.</p> <p>HAZARDOUS POLYMERIZATION: Will not occur.</p>
11. Toxicological Information	No Data Available
12. Ecological Information	Very toxic to aquatic organisms.
13. Disposal Considerations	METHODS OF DISPOSAL: Dispose of according to all applicable governments' regulation.
14. Transport Information	Not Regulated
15. Regulatory Information	Please pay attention to any applicable national regulations as to the hazards and safety information of this product.
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.