

Product Name: Steric Micro Zinc 7%

Product ID # 491

SECTION I MANUFACTURER'S INFORMATION

Manufacturer's Name & Address	Emergency Telephone Number:	1-800-424-9300
Verdesian Life Sciences	Number for Information:	1-800-868-6446
12222 Ave 352	Date Prepared:	March 25, 2000
Visalia, CA 93291		

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

	CAS#	OSHA PEL	ACGIH TLV
Zinc Sulfate	7733-02-0	NE	NE

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Melting Point	N/A	Specific Gravity (H2O-1)	1.20
Vapor Pressure (mm Hg.)	NA	Melting Point	-N/A
Vapor Density (AIR-1)	N/A	Evaporation Rate	-N/A
Appearance and Odor	Opaque Dark Liquid, Earthy		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (method use)	-N/A
Flammable Limits	-N/A
Extinguishing Media	Water Fog, CO2, Dry Chemical
Special Fire Fighting Procedures	Fight fire upwind. Wear Positive pressure self-contained breathing apparatus and full protective equipment. Avoid breathing smoke or mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

SECTION V REACTIVITY DATA

Stability -	Conditions to avoid	-None known
Stable - X		
Incompatibility (Materials to Avoid)		Aluminum, steel, copper or flammable organics
Hazardous Decomposition or by-products		Cox, NOx, ZnO, NH3, H, SOx
Hazardous Polymerization		-Will not Occur - X
Conditions to Avoid- Keep out of Reach of Children, Avoid contact with eyes.		

SECTION VI SPILL OR LEAK PROCUDRES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate respiratory and personal protective equipment. Absorb with inert material and vacuum or sweep into an approved disposal container.

DECONTAMINATION: Treat spill area with detergent and water. Absorb with inert material and place in approved disposal containers. Repeat as necessary until area is clean.

ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.

DISPOSAL: Dispose of in accordance with Federal, state and local regulations.

SECTION VII HEALTH PRECAUTION DATA

INGESTION: Acute Oral LD50 (rat) 2200 mg/kg Zinc Sulfate (RTECS*). Do not ingest. Wash thoroughly before eating, drinking or smoking.

INHALATION: No PEL/TLV established for this product. Do not breathe spray mist. Wear appropriate respiratory protection for the exposures encountered.

SKIN ABSORPTION: Avoid contact with skin. Can cause irritation and ulceration of the skin. Wear proper personal protective equipment to reduce exposure.

EYE EXPOSURE: Keep out of eyes. Can cause eye irritation. Wear proper eye protection to reduce splash exposure. If exposed, flush eyes for a minimum of 15 minutes with water.

EFFECTS OF OVEREXPOSURE: Can cause skin and eye irritation. May cause skin ulceration. Excessive exposure can cause violent vomiting and diarrhea. No known chronic effects. Pre-existing medical conditions involving the above symptoms may be aggravated by exposure.

FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin exposure, remove contaminated clothing and wash with soap and water. For eye exposure, flush eyes with water for a minimum of 15 minutes. If inhaled, remove victim to fresh air, and administer CPR if necessary.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Recommend use of NIOSH/MSHA-approved respirator for organic vapors for the exposures encountered. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposure operations.

PERSONAL PROTECTIVE EQUIPMENT: Neoprene or rubber gloves, long-sleeved coveralls and chemical goggles.

VENTILATION: general ventilation acceptable for the intended use.

SECTION IX SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions. Do not store in steel or aluminum tanks.

SECTION X REGULATORY DATA

SARA HAZARD CLASS: Acute Chronic Flammable Pressure Reactive NoneSARA 313: Yes No Chemical: Zinc CompoundsSARA 302: Yes No Chemical:

TPQ:

CERCLA: Yes No Chemical: Zinc Sulfate

RQ: 1000*

RCRA: Yes No

NFPA HAZARD RATING:

NFPA HAZARD RATING SCALE:

Health: [1]

Fire: [1]

Reactivity: [0]

Special: []

HMIS CODES:

Health: [1]

Fire: [1]

Reactivity: [0]

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

HMIS HAZARD RATING SCALE:

0 = Minimal 3 = Serious

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2 = Moderate

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VISALIA, CA 93291

DATE: December 8, 2004

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