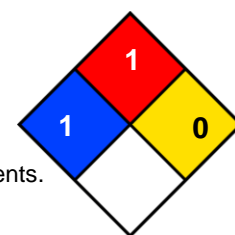




Northwest Agri Products

MATERIAL SAFETY DATA SHEET -May be used to comply with OSHA's Hazard Communications Standard, 29 CFR 1910. 1200. Standard must be consulted for specific requirements.



Product Name: Steric Micro Magnesium 4%

Product ID # 493

SECTION I MANUFACTURER'S INFORMATION

Manufacturer's Name & Address

Verdesian Life Sciences
12222 Ave 352
Visalia, CA 93291

Emergency Telephone Number:

1-800-424-9300

Number for Information:

1-800-868-6446

Date Prepared:

December 10, 2004

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

	CAS#	OSHA PEL	ACGIH TLV
Magnesium Sulfate	7487-88-9	NE	NE

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Melting Point	N/A	Specific Gravity (H2O-1)	1.2
Vapor Pressure (mm Hg.)	NA	Melting Point	-N/A
Vapor Density (AIR-1)	N/A	Evaporation Rate	-N/A
Appearance and Odor	Opaque Brown Liquid/odorless		
Solubility in H2O	Miscible		

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
Stable - X		
Incompatibility (Materials to Avoid)		Hydroxylamine, Acids, magnesium
Hazardous Decomposition or by-products		Cox
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

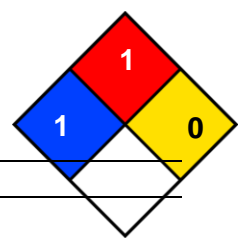
INGESTION: Do not ingest. Wash thoroughly before eating, drinking or smoking.
INHALATION: No PEL/TLV established for this product. Do not breath spray mist. Wear appropriate respiratory protection for exposures encountered.
SKIN ABSORPTION: Avoid contact with skin. May cause skin irritation. Wear proper personal protective equipment to reduce skin exposure.
EYE EXPOSURE: Keep out of eyes. May cause eye irritation. Wear proper eye protection. If exposed, flush eyes for a minimum of 15 minutes with water.
EFFECTS OF OVEREXPOSURE: Can cause skin and eye irritation. Overexposure can irritate mucus membranes, cause eye irritation, conjunctivitis, vomiting and diarrhea, accompanied by a fever and cough. Chronic exposure may result in dermatitis and conjunctivitis. 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 for exposures encountered. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposures operations.
PERSONAL PROTECTIVE EQUIPMENT: Neoprene or rubber gloves, long-sleeved coveralls and chemical goggles.
VENTILATION: General ventilation sufficient for intended use.

SECTION IX SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions.



SECTION X REGULATORY DATA

SARA HAZARD CLASS: Acute Chronic Flammable Pressure Reactive None

SARA 313: Yes No Chemical:

SARA 302: Yes No Chemical:

TPQ:

CERCLA: Yes No Chemical:

RQ: 1000*

RCRA: Yes No

NFPA HAZARD RATING:

Health: [1]

Fire: [1]

Reactivity: [0]

Special: []

HMIS CODES:

Health: [1]

Fire: [1]

Reactivity: [0]

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

HMIS HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

PREPARED BY: David W. Bergevin

ADDRESS: VERDESIAN LIFE SCIENCES
12222 AVE 352
VISALIA, CA 93291

DATE: December 10, 2004

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