

Material Safety Data Sheet
Gujarat Life Sciences (P.) Ltd.

1. Chemical Products and Company Identification

Product Name : Vamstar
Product Code : Vamstar

Chemical Formula : Powder formulation.
Other Designations : Powder Formulation Containing Vascular Arbuscular mycorrhizae.

Company:

Gujarat Life Sciences (P.) Ltd.

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Gujarat – India

Emergency Phones : +91-265-2285611 (Domestic and International)

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2. Composition / Information on Ingredients

No Hazardous Ingredients.

Contains naturally-occurring, Vascular Arbuscular mycorrhizae.

Vamstar can be used in soil with organic manure. It can also be applied in roots of most vascular plants.

See Product label for method of application, dosage and recommendations. Not for food, feed or drug use.

3. Hazards Identification

Emergency Overview : No known health hazards

Primary Entry Routes : Oral (swallowing), Inhalation

Acute Effects (Signs and Symptoms of Overexposure):

Eyes : Powder may cause mechanical irritation of eyes

Skin : No known hazard

Inhalation : Inhalation of large amounts may cause discomfort

Ingestion : No known hazard

Chronic Effects : No known hazards

Medical Conditions Aggravated by Exposure : None known

Target Organs : None

Carcinogenicity : None

HMIS : Health – 0, Flammability – 0, Reactivity – 0

4. First Aid Measures

Eyes	: Flush with water for at least 15 minutes. Get medical attention if Irritation persists.
Skin	: Wash with soap and water
Inhalation	: Remove person to fresh air. Get medical attention if discomfort Persists
Ingestion	: No treatment necessary

5. Fire Fighting Measures

Flash Point	: None
Autoignition Temperature	: Not Applicable
Explosive Limits	: LEL: Not Applicable UEL: Not Applicable
Extinguishing Media	: Use media suitable for Surrounding fire
Unusual Fire or Explosive Hazards	: Not Known
Fire Fighting Instructions	: No special requirement

6. Accidental Release Measures

Large Spill / Leak Procedure	: Contain spill and recover for use or disposal
Small Spills	: Flush area with water

7. Storage and handling

Storage Requirements	: Store in original container in clean, cool and dry place. Use before expiration date printed on package
Handling Precautions	: No special handling requirements. Follow normal hygienic and housekeeping standards for agricultural products

8. Exposure Control / Personal Protection

Ventilation	: Special ventilation is not required
Protective Clothing / Equipment	: No special requirement
Respirator	: Not required
Contaminated Equipment	: Clean with soap and water
Comments	: Practice general personal hygiene after using this product. Wash

hands with soap and water before eating, drinking or smoking

9. Physical and Chemical Properties

Physical State	: Powder
Colour	: grey
Odour	: None
Water Solubility	: Soluble
% Volatile volume	: Not determined
Specific Gravity	: >1
Vapour Pressure	: Not determined
Vapour Density	: Not determined
pH	: 6.5-7.0
Melting Point	: Not Determined
Boiling Point	: 100°C
Freezing Point	: 4°C

10. Stability and Reactivity

Stability	: Stable
Conditions to avoid	: None
Hazardous Polymerization	: Will not occur
Chemical Incompatibilities	: As recommended on label
Hazardous products of decomposition	: None

11. Toxicological Information

Eye Effects / Eye Irritation	: Non-irritating
Acute Oral Effects	: None
Acute Inhalation Effects	: None
Acute Dermal Effects	: None
Skin Irritation	: Non-irritating
Skin Sensitization	: Not a skin sensitizer

12. Ecological Information

The product contains non-pathogenic, non-hazardous and non-toxic, naturally occurring constituents and is biodegradable.

13. Disposal Consideration

Disposal: Small amounts of the product which cannot be used according to the label instructions may be disposed off in a landfill

RCRA Waste Status: This product is not regulated as a hazardous waste. State and local regulation may affect the disposal of this product. Consult your state, local or provincial environmental agency for disposal of waste other than by use accordingly to instructions.

14. Transport Information

Transportation Data : This product is not regulated as a hazardous material for all mode of transportation
Hazard Class : Not Applicable
ID No : Not Applicable

15. Regulatory Information

TSCA : All components of this product are listed on TSCA Inventory
SARA Section 313 : Contains no reportable components
OSHA Hazard Classification : Non Hazardous
Proposition 65 : Contains no components subject to warning requirement
WHMIS / Controlled Products Regulations : This products has been classified in accordance with the hazard criteria of the CPR and this MSDS contains all of the information required by the CPR

16. Other Information

Reason for Issue : Update
Prepared By : Pushpa B. Nair
Approved By : Dr. Arjun Mehta
Title : MD
Approval Date : July 1, 2004
Supersedes Date : None

NFPA Ratings
Health : 0
Flammability : 0
Reactivity : 0
Specific Hazard : Not Applicable

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