



Bio Organic Limited

(Dealers & Distributors of Fertilizers, Pesticides, Seeds, Veterinary and Industrial Chemicals)

MATERIAL SAFETY DATA SHEET (MSDS)

BIORISE

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY UNDERTAKING

Product Name: Vesicular arbuscular mycorrhiza (VAM)
Product Information: Soil conditioning agent of agricultural importance
Company Name Distributor: Bio Organic Limited
Address: Sapna Business Park Limited
P. O. Box: 29024 - 00100 Nairobi - Kenya.
Phone No: +254 20 240 3391
Email id: info@bioorganic.co.ke

1. COMPOSITION / INFORMATION ON INGREDIENTS

Technical Name: *Rhizophagus irregularis*
Product Code: Nil
Hazardous Ingredients / Components: Nil
CAS No. NA
Other Components: Risk Phrases & Symbol – R36 (Mild) for e.g.: Xi = Irritant, R36 = Irritating to eyes, R37 = Irritating to respiratory system, R38 = Irritating to skin

1. HAZARDS IDENTIFICATION

Health: Inhalation Odorless
Skin Contact Not harmful
Eye Contact Mild Irritant
Ingestion Non-toxic & Non-virulent
Fire: Non flammable

1. **FIRST — AID MEASURES** Non-toxic. If accidentally swallowed more quantity above 100gms, induce vomiting and give *Lactobacillus sporogens* mixed with water.

2. FIRE FIGHTING MEASURES

Extinguishing media: Non-flammable
Fire Fighting Protective Equipment: NA
Specific Hazards: None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use gloves while handling, wash the hand with soap
Environmental precautions: Bury the container and remaining material away from habitats at 0.5 m deep in soil.
Method for cleaning up: Use copious water to clean the spill.

7. HANDLING AND STORAGE

Handling: Use goggles, face masks, gloves and protective covering while use.
Storage: Store in a room temperature away from sunlight.
Keep out of reach of children, foods and animal feed.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering measures
Respirators Use face masks Eye Protection Use goggles
Personal protective equipment: Use protective clothing

Address: P.o. Box: 29024 - 00100 Nairobi - Kenya

**Physical address: | Sapna Business Park (SBP) | Kyang'ombe Area (ICD)
| ODD OLD Mombasa Road, Nairobi Kenya |**

Contact: +254 20 240 3393 / +254 792 458 379, Email: info@bioorganic.co.ke / bioorgltd@gmail.com



Bio Organic Limited

(Dealers & Distributors of Fertilizers, Pesticides, Seeds, Veterinary and Industrial Chemicals)

Gloves Yes
Occupational Exposure Limits: Non-hazardous ingredients

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark greenish brown liquid
Form: Granule formulation
Colour: Dark greenish brown
Odour: Earthy odour
PH (Value): 6.0-7.8
Boiling Point: Not determined
Melting Point: Not determined
Flash Point: Not determined
Flammable Limits: Not flammable
Auto Ignition Temperature: Not flammable
Explosive Properties: Nil
Oxidising Properties: Nil
Vapour Pressure (mm Hg): Not determined
Density (g/ml): Not determined
Solubility (Water): Insoluble
Solubility (Other): Not soluble in majority of chemical solvents
Partition Coefficient: NA

10. STABILITY AND REACTIVITY

Hazardous Reactions: None
Hazardous Decomposition Product(s): No dangerous decomposition products known
Conditions to avoid: Do not heat and do not expose to direct sunlight
Materials to avoid: Do not mix with fungicides, acids, alkali materials.

11. TOXICOLOGY INFORMATION

Inhalation (LC50): Non-toxic, Non-virulent Skin
Contact (Dermal — LD50): No skin irritant.
Ingestion (Oral — LD50): Non toxic
Acute intraperitoneal toxicity: Non- pathogenic, Non-toxic and Non-virulent on Wistar rats
Pathogenicity: Non- pathogenic

12. ECOLOGICAL INFORMATION

Environmental Hazards: Nil
Persistence and Degradation: Not persistent and no dangerous decomposition products known
Toxicity: Nil
Effect on Effluent Treatment: Nil

1. DISPOSAL CONSIDERATIONS

Product & contaminated packaging: Bury the container and remaining material away from habitants at 0.5 m deep in soil.

2. TRANSPORT INFORMATION

IATA: Non-dangerous goods
ADR: Non-dangerous goods
IMO: Non-dangerous goods

UN NO: Non-dangerous goods

Address: P.o. Box: 29024 - 00100 Nairobi - Kenya

**Physical address: | Sapna Business Park (SBP) | Kyang'ombe Area (ICD)
| ODD OLD Mombasa Road, Nairobi Kenya |**

Contact: +254 20 240 3393 / +254 792 458 379, Email: info@bioorganic.co.ke / bioorgltd@gmail.com



Bio Organic Limited

(Dealers & Distributors of Fertilizers, Pesticides, Seeds, Veterinary and Industrial Chemicals)

15. REGULATORY INFORMATION

Classification and labelling Danger symbol: Organic certified and Non-toxic

Danger Label: Green Rhombus

Safety phrases: Green, Organic

16. OTHER INFORMATION Nil

For Varsha Bioscience and Technology
India Private Limited


(A. John Peter)
Managing Director

Address: P.o. Box: 29024 - 00100 Nairobi - Kenya

Physical address: | Sapna Business Park (SBP) | Kyang'ombe Area (ICD)

| ODD OLD Mombasa Road, Nairobi Kenya |

Contact: +254 20 240 3393 / +254 792 458 379, Email: info@bioorganic.co.ke / bioorgltd@gmail.com