

1. IDENTIFICATION

Product Name :	PREVAIL
Manufacturer :	The Real IPM Company (Kenya) Ltd, P.O. Box 4001, Madaraka, Thika 01002, Kenya
Physical address :	Kichozi Farm, Thika
Distributor :	The Real IPM Company (K) Ltd Office: (+254) 725 806 086 Email: info@realipm.com P.O Box 4001- 01002, Madaraka, Thika, Kenya
General Use :	Biopesticide for the control of insect pests
Common Name :	PREVAIL
Emergency Phone Number :	+254 725 806 086

2. COMPOSITION/ INFORMATION ON INGREDIENTS

Beauveria bassiana 1 x 10⁹ spores cfu per ml (0.005% w/w)

3. HAZARDS IDENTIFICATION

None hazardous
Combustible liquid
Reversible mild irritant to eyes
It is not considered as a risk.

4. EMERGENCY AND FIRST AID MEASURES

Inhalation :	This product is not considered to be a risk to the respiratory system.
Skin contact :	Remove contaminated clothing. Wash thoroughly with soap and water immediately.
Eye contact :	This product is not considered to be a risk to the eyes.
Ingestion :	This product is not toxic to humans.

5. FIRE FIGHTING MEASURES

Special fire-fighting procedures :	Not combustible; no fire fighting procedures necessary.
Hazardous decomposition products :	No hazardous decomposition products.

6. ACCIDENTAL RELEASE MEASURES

Spillage: Floors may be slippery; use care to avoid falling. Contain and absorb spill with inert material (e.g. sand/earth). Transfer liquid to containers for recovery or disposal and solid absorbent material to separate disposal according to local legislation. If spillage enters a drain or watercourse inform local authority.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Wash hands thoroughly before eating, drinking, smoking and using the toilet.

Storage: Keep in original container, tightly closed in a safe place; protected from frost or direct sunlight. Shelf life 6 months

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal Protection :	When opening or dumping containers, or other operations where mists may be created, wear a mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with an approximate N-95, R-95, P-95 or HE filter for biological products. Applicators and other handlers must wear: long-sleeved shirt, long pants, socks and shoes, waterproof gloves and boots.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	Whitish liquid
Odor :	earthy odor
Vapor pressure :	not determined
Specific gravity :	not determined
Solubility in water :	dispersible in water
Melting point :	not determined
Boiling point :	not determined
Viscosity :	not determined

10. STABILITY AND REACTIVITY

Stability : Stable, material is non-reactive

Hazardous Polymerization : Will not occur.

Hazardous decomposition products : None anticipated.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity in Rats: LD50 > 5000 mg/Kg bw

Acute Dermal Toxicity in Rats: LD50 > 5000mg/Kg bw

Acute Inhalation Toxicity in Rats: LC50 > 5mg/L air

Skin irritation in Rabbits: ED50 > 0.5ml/Kg bw (none irritant)

Skin Sensitization in Guinea Pigs: None sensitizer

Eye irritation in Rabbits: Mild irritant (at 100mg/eye) reversible within 7 days.

12. ECOLOGICAL INFORMATION

Acute Oral Toxicity to domestic fowl: > 5000mg/kg bw

Acute Oral Toxicity to common quail: > 5000mg/kg bw

Acute Oral Toxicity to Bees: Non-toxic to bees at LC50 13091.8µg/ml

Acute Toxicity to Fish: Non-toxic to fish at LC50 128.52mg/L

Acute Toxicity to Algae: Non-toxic to algae at 100mg/L

Daphnia Immobilization Test: slightly toxic to Daphnia and causes immobilization at LC50 is 23.33mg/L of water

13. DISPOSAL CONSIDERATIONS

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Dispose of empty container in a sanitary landfill or by incineration in accordance to local regulations

14. TRANSPORT INFORMATION

Non hazardous substance; transport in cool dry place and use within 6 months

15. OTHER INFORMATION

SDS SUMMARY :	SDS revised	27th March 2017
CONTACT :	The Real IPM Company	+254 725 806 086

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