

BEAUVITECH® WP

1. Identification of the substance/preparation and the company

BEAUVITECH®
Dudutech
Division of Finlay Horticulture (K) Limited
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2. Composition/information on ingredients

Formulation of <2% spores of *Beauveria bassiana* (Bals) Vuill Isolate J25 (1x 10¹⁰ spores per gram) and inert carrier >98%.
Contains no hazardous chemical substances, conforms to laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances.

3. Hazards identification

Dust may irritate the respiratory tract
Dust may cause eye irritation
Dust may cause skin irritation
Active ingredient has no mammalian toxicity
No environmental hazards.
Beauveria bassiana can be found as living organisms naturally in the environment.

4. First - aid measures

No known symptoms or effects.
Incase of inhalation move the person to fresh air. If symptoms persist, seek medical advice.
Incase of Skin contact wash skin with soap and water. Seek medical advice if irritation occurs and persists.
No known symptoms or effects.
Incase of inhalation move the person to fresh air. If symptoms persist, seek medical advice.
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5. Fire fighting measures

Non flammable / non-combustible
No special exposure hazards
Use CO₂ Foam or water spray to extinguish fire.
Wear protective clothing, eye protection and self-contained respiratory equipment.

6. Accidental release measures

For personal precautions see actions below.

No specific environmental precautions.
Incase of leakage or spillage sweep up and collect waste substance carefully. Remove remainder waste material with water and drain rinse off water to sewer.
The product can be mixed into soil.
Local authorities must be warned incase leakage/spillage cannot be controlled. Take into account the local legislation

7. Handling and storage

Avoid the formation of dust
Avoid eye contact and prevent inhalation during handling of the product
Store in a cool dark place at a temperature range of 8° - 12°C to maintain viability of the spores
Prevent exposure to moisture
Do not subject to direct sunlight
Do not freeze.

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8. Exposure controls / personal protection

No established exposure limits.

Incase of opening of the packaging, blending/loading and spraying, wear preferably a dust filter mask with filter type P3.

Wear safety gloves (butyl rubber, PVC)

Wear closed eye protection (Mono goggles)

Wear suitable protective clothing. Usual precautions for handling chemicals should be considered.

Use with adequate ventilation.

9. Physical and chemical properties

Form: solid, fine powder < 425 µ in diameter

Color: ivory

Oduor: none

Bulk volume fluffed: 0.37dm³/100gm (100 ml/22.3 gm)

Bulk volume jolted: 0.32dm³/100gm (83 ml/22.3 gm)

Solubility in water: Not soluble.

10. Stability and reactivity

Stable during 6 months under recommended use and storage conditions.

No materials to avoid.

Avoid contact with heat or ignition sources.

No hazardous decomposition Products.

11. Toxicological information

Acute toxicity Oral–Data Not available.

Acute toxicity dermal – Data Not available.

Acute inhalatory – Data Not available.

Skin irritation – Data Not available.

Eye irritation – Irritant.

Skin sensitization – Data Not available.

Information given is based on data for the formulation (unless otherwise specified)

For human effects refer to section 4 on the toxic effects of the formulation.

12. Ecological information

Information given is based on ecotoxicological knowledge of the product.

Does not penetrate the soil.

Readily biodegradable in soil.

Data Not available for bioaccumulation, however when used as recommended BEAUVITECH is not released to the surface water.

13. Acute toxicity to aquatic organisms

Fish: Data not available.

Algae: Data not available.

Daphnia: Data Not available.

The chance of exposure is low, rendering the Risk to Aquatic organisms to be nil.

14. Disposal consideration

Wear suitable protective apparatus and clothing.

Waste resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

The ingredients of BEAUVITECH do not raise concern for environment.

Disposal of packaging material will require the recipient to be informed of the possible hazards of the product.

Recommendations given are considered appropriate for safe disposal. However local regulations might be more stringent and these must be complied with.

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15. Transport information

Not dangerous cargo, keep dry and cool conditions during transit.

16. Regulatory information

Product label conforms to PCPB (CAP 346) requirements.

17. Other information

Product is packed in 250g packs.

Packaging is polypropylene plastic bottles.

The information contained in this MSDS (or Biorational Safety Data Sheet) is believed to be accurate and reliable as of the date of issue, but no representation, guarantee, or warranty, express or implied, or made to the accuracy, reliability, or completeness of the information. It is provided for the purpose of complying with hazard communication regulations. It is not intended to constitute performance information concerning the product. It is the user's responsibility to determine the suitability for use of the product described herein. Dudutech does not assume legal responsibility for reliance upon the information contained herein.