

Material Safety Data Sheet (MSDS)

Bio-Activator (Enhanced)

No.1 Date Issued: 9 October 2007

Issued in terms of the Occupational Health and Safety Act General Amendment in Government Notice No. 930 of 25 June 2003 (Occupational Health and Safety Act No. 85 of 1993).

1. Product and Company Identification

Trade Name: Bio-Activator
Product Code: N/A
Chemical Family: Microbial
Chemical Name: N/A
HazChem-code: N/A
UN No.: N/A

2. Composition / Information on Ingredients

Chemical name: naturally occurring micro-organisms attached to organic compost
Chemical nature: Naturally occurring microbial mix.

3. Hazards Identification

Hazardous Decomposition Products: It is a broad-based microbial population dried and mixed with compost.

It decomposes through the normal proteinaceous and cellulitic processes to form further biomass or CO₂.

Hazardous Reactions: None.

Further information: It is incompatible with paint, grease, sawdust and any other combustible organic material, organic and inorganic oxidizers, strong bases and moisture.

Flammability: Flammable if exposed to naked flame.

Biological Hazard: None.

Combustion products: CO₂.

4. First-Aid Measures

Inhalation: Non-toxic.

Ingestion: Non-toxic.

Skin: Non-toxic. No known irritation.

Eyes: Non-toxic. Abrasive solid particles.

5. Fire-Fighting Measures

The product is flammable. Avoid exposure to naked flames. The smoke is non-toxic. Use large amounts of water to prevent heat combustion.

6. Accidental Release Measures

Sweep up and dispose to the garden or flush to drain with water.

7. Handling and Storage

Should be handled like any non-toxic microbial product. Do not store next to open flames or strong oxidizing agents. When handling, wear dust mask over nose (only required when handling bulk in the manufacturing process).

8. Exposure Controls / Personal Protection

Protection not required.

Dust mask over nose only (only required when handling bulk in the manufacturing process).

9. Physical and Chemical Properties

Appearance: Fibrous Powder.

Colour: Brown.

Odour: None.

SG: 0.9

Water solubility: Insoluble.

Heat Stability: Stable at 40 degrees C over 24 hour period.

Flammability: Flammable if exposed to naked flame.

Explosive properties: Non-explosive.

Oxidizing properties: None.

10. Stability and Reactivity

Stable under normal storage conditions.

Non-toxic.

11. Toxicological Information

Non-Toxic.

12. Ecological Information

Non-Toxic.

13. Disposal Considerations

Sweepings can be disposed to any drain, the garden or a municipal landfill.

14. Transport Information

It is non-hazardous.

15. Regulatory Information

None (not applicable).

16. Other information

None.