

MATERIAL SAFETY DATA SHEET



BioDeposit Elixir

1. Identification :	
Substance Identification	: BioDeposit Elixir
Company Address	: CHEMICAL INITIATIVES (Pty) Limited, Private Bag X21, Gallo Manor, Gauteng, 2052, South Africa
Emergency Telephone Number	: (011) 806 8953 (011) 608 8965
2. Composition and Ingredients :	
<p>Material is a sustainable, water soluble, biologically active plant growth enhancer produced from specially prepared peat using the patented technology. Material is a black colour concentrate that contains a well-balanced complex of humic and fulvic acids, amino acids, macro and micro elements and therefore initiates plant growth and development.</p>	
<p>Typical Analysis</p> <ul style="list-style-type: none"> • LATSERT (N62733 A) • Institute of Food Safety, Animal Health and Environment 'BIOR' Diagnostic Centre, Laboratory of Food and Environmental Investigations (N 2/1558.1-2010) • Environment Laboratory of State SIA (N 10/29) • National Diagnostic Centre of the Food and Veterinary Service, Laboratory of Food and Environmental Investigations (N689.1-2009) <ul style="list-style-type: none"> • Humic acid up to 123g/litre • Nitrogen 0.26 % • Phosphorous 0.012 % • Potassium 0.73 % • Organic matter 9.5 % , in dry matter 39.4 % • Moisture content 75 % • pH 9.0 • Calcium 16 300 (± 800) mg/kg • Macro and micro elements: As, Fe, Hg, Cr, Cd, Ni, Pb, Cu, Zn, Mg, Mn. 	
3. Hazards :	
<p>BioDeposit Elixir is not flammable, combustible or explosive under normal conditions.</p> <p>Potential Health Effects: BioDeposit Elixir is not known to cause any harmful health effects by eye contact, skin contact, ingestion or aggravation of existing medical conditions.</p>	

MATERIAL SAFETY DATA SHEET



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4. First Aid :	
Eye, nasal passage and skin contact:	: Wash area with clean, fresh water. If localized reaction after contact occurs, seek medical attention.
Ingestion:	: In the event of significant ingestion, do not induce vomiting. Seek medical attention.
5. Fire fighting :	
Extinguishing media:	: Use appropriate media to surround fire. BioDeposit Elixir is compatible with all extinguishing methods.
Special Exposure Hazards	: None
Protective Equipment for Firefighting	: Wear self-contained breathing apparatus (SCBA) and full protective clothing.
Hazardous Combustion Product	: None
6. Accidental Release :	
Personal Protection	: Wear rubber boot and rubber gloves to protect against chapping effect of wet BioDeposit Elixir. Wash and dry hands after contact.
Environmental Precaution	: No known adverse environmental effects
Methods for cleaning up	: Scoop up spillages and place in a container. When handling used BioDeposit Elixir, full protective clothing including rubber boots, nitrile gloves and face mask should be worn.
7. Handling and Storage :	
Handling	: Wear rubber boots and rubber gloves to protect against chapping if prolonged contact with BioDeposit Elixir.
Storage	: Store in original bottles or waterproof containers
8. Exposure and Personal Protection :	
Occupational Exposure Standards	: None assigned
Respiratory Protection	: None required under normal conditions
Hand Protection	: Waterproof gloves if prolonged contact
Eye Protection	: None required under normal conditions

MATERIAL SAFETY DATA SHEET



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9. Physical and Chemical Properties :	
Physical State	: Heavy bodied paste like consistency
Appearance	: Black
Odour	: Odourless.
Vapour Pressure	: n/a
Vapor Density	: n/a
Density	: 1 ton/m ³
pH	: 9
water solubility	: Soluble in water
Boiling Point	: n/a
Melting Point	: n/a
% Volatile	: n/a
Evaporation Rate	: n/a
Flammability	: Not flammable
Explosion Limits	: No known explosion hazards
10. Stability and Reactivity	
Stability	: This product is stable
Materials to avoid	: Concentrated acids and alkalis
11. Toxicology :	
Inhalation	: No known toxicology
Skin and eye contact	: No known toxicology
Ingestion	: No known toxicology
12. Ecology :	
No known adverse environmental effects	
13. Disposal :	
Disposal of unused BioDeposit Elixir by spreading on cultivated soil or by recycling as an amendment to plant growth media. Used BioDeposit Elixir should be disposed of in a registered landfill. The company does not take responsibility for the disposal of used BioDeposit Elixir.	
14. Transport:	
BioDeposit Elixir is usually transported in 7 litre plastic bottles. It is non-hazardous with regard to transport regulations.	
15. Regulations :	
Risk Symbol	: None
Hazard Classification	: Non-hazardous

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R Phrases (risk)	:	None
S Phrases (safety)	:	None
Precautions	:	Ensure personal safety when handling bulk

16. Other :

DISCLAIMER:

Chemical Initiatives (PTY) Ltd provides the information contained herein from the manufacturer, BioDeposit Group Ltd in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a proper-trained person using this product. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose.

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