

GEARTH GEARTH BioFlow Septic

MATERIAL SAFETY DATA SHEET

Biological septic tank treatment — probiotic bacterial blend in powder form for accelerated organic breakdown and odour control.

1 IDENTIFICATION OF THE MATERIAL	
Product Name	GEARTH BioFlow Septic (Powder)
Description	Probiotic bacterial powder for septic tank treatment and organic breakdown.
Product Packaging	1 kg, 5 kg, 20 kg
Manufacturer	GEARTH (Pty) Ltd
Address	96 Lazy River Road, Centurion, 0157, Gauteng, South Africa
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EMERGENCY CONTACTS	
GEARTH Office:	012 004 8183
Emergency Cell:	066 214 2274
2 COMPOSITION / INFORMATION ON INGREDIENTS	
Hazardous Components	None
EEC Classification	N/A
R Phrases	N/A
3 HAZARDS IDENTIFICATION	
Hazard Classification	None allocated
Flammability	None allocated
Chemical Hazard	None allocated
Biological Hazard	No known effect
Health Effects – Eyes	No known effect
Health Effects – Skin	No known effect
Health Effects – Ingestion	Not to be ingested. Effects unknown.
Health Effects – Inhalation	Dust may cause respiratory irritation.
Carcinogenicity	No known effect
Mutagenicity	No known effect
Reproductive Hazard	No known effect
Neurotoxicity	No known effect
4 FIRST AID MEASURES	
Swallowed	Seek medical attention.
Eyes	If material enters the eyes, flush with plenty of saline ensuring eyelids are held open. If irritation persists seek medical attention.
Skin	Rinse with water.
Inhalation	Move to fresh air.
5 FIRE FIGHTING MEASURES	
Protective Clothing	None required.

Extinguishing Media	CO2.
Special Hazards	None.
6 ACCIDENTAL RELEASE MEASURES	
Personal Precautions	None.
Environmental Precautions	None.
Spills	Collect product and dispose as normal solid waste.
7 HANDLING AND STORAGE	
Safe Handling	Normal handling procedures.
Safe Storage	Store under cool, dark ambient conditions. Keep container sealed.
8 EXPOSURE CONTROLS / PERSONAL PROTECTION	
Occupational Exposure Limits	No data available.
Engineering Measures	None required.
Respiratory Protection	Use dust mask if working with large quantities.
Hand Protection	None required.
Eye Protection	None required.
Skin Protection	None required.
Other	Use according to supplier instructions.
9 PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Fine dry powder, light brown colour.
Odour	Natural.
pH	6.85 ± 0.01 (1 g/L in water)
Flammability	Not applicable.
Auto Flammability	Not applicable.
Explosive Properties	None.
Vapour Pressure	Not applicable.
Solubility – Water	Dissipates in water.
Flash Point	Not applicable.
Boiling Point	Not applicable.
Melting Point	Not applicable.
Density	0.743 kg/L ± 0.005
10 STABILITY AND REACTIVITY	
Stability	Stable under normal conditions.
Hazardous Decomposition Products	None known.
11 TOXICOLOGICAL INFORMATION	
Acute Toxicity	No known effect when used according to instructions.
Chronic Toxicity	No known effect when used according to instructions.
Carcinogenicity	No known effect when used according to instructions.
Mutagenicity	No known effect when used according to instructions.

Reproductive Hazard	No known effect when used according to instructions.
12	ECOLOGICAL INFORMATION
Biodegradability	Biodegradable.
Aquatic Toxicity	No known effect when used according to instructions.
Bioaccumulation	No data available.
13	DISPOSAL CONSIDERATIONS
Disposal Methods	Dispose in accordance with local regulations.
Container Disposal	Recycle plastic and paper-based waste.
Local Legislation	Disposal must comply with regional, national and local laws.
14	TRANSPORT INFORMATION
UN Number	Not applicable.
Transport Class	Not classified as Dangerous Goods for transport by Road, Rail or Air.
Packing Group	Not applicable.
15	REGULATORY INFORMATION
EEC Hazard Classification	Not applicable.
Risk Phrases	Not applicable.
Safety Phrases	Not applicable.
National Legislation	OSH Act.
16	OTHER INFORMATION
This MSDS summarises GEARTH's best knowledge of the health and safety hazard information available for this product and the measures required to handle and use it safely. Each user should read this MSDS in connection with their specific application and intended use. Disclaimer: The information provided is correct to the best of our knowledge at the date of publication. It is intended only as guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not a warranty or quality specification. GEARTH (Pty) Ltd shall not be held liable for any damage resulting from handling or contact with this product.	
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