

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PRODUCT AND OF THE COMPANY/UNDERTAKING

Identification of the Substance or Preparation: **Envii Septic Tank Tablets**

Intended use of the Substance/Preparation: Digestion of organic waste in Septic Tanks

Company/Undertaking Identification: Bio8 Ltd
Unit 8, Markham Vale Environment Centre
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Chesterfield
Derbyshire
S41 0EU
Tel: +44 (0)1246 240880
Fax: +44 (0)1246 828000

Emergency Telephone Number: +44 (0)1246 240880

2. COMPOSITION/INFORMATION ON INGREDIENTS

Formula: **Mixture**

Ingredients: **A concentrate tablet containing non pathogenic bacteria cultures for enhanced degradation of organic waste in a Septic Tank**

Chemical Name: **N/A**

<u>Substance</u>	<u>Approx.</u> <u>%</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>	<u>CARCINOGENICITY</u> <u>NPT</u> <u>IARC</u> <u>OSHA</u>	<u>CAS</u> <u>No.</u>
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**Contains No Hazardous Components as Listed in 29 CFR 1910.1200 or Other
Pertinent Sections of OSHA Regulations**

3. HAZARDS IDENTIFICATION

Non Hazardous.

Small risk in contact with open wounds and eyes.

Avoid contact with the eyes and open wounds

4. FIRST-AID MEASURES

Eye Contact – Rinse eyes with plenty of water for 10-15 minutes. If ill effects occur seek medical attention.

Ingestion – Rinse mouth and throat thoroughly with water. Drink plenty of water Seek Medical advice.

Inhalation – Remove from exposure. If irritation or allergic response occurs, consult a doctor.

Skin Contact – Remove all contaminated clothing and wash skin with plenty of water

5. FIRE FIGHTING MEASURES

This is a non-flammable product

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6. ACCIDENTAL RELEASE MEASURES

Transfer to container for disposal according to local authority guidelines. A small spillage may be washed away with water subject to local regulations

7. HANDLING AND STORAGE

Handling:

Precautions:	The substance should be handled under conditions of good industrial hygiene and in conformity with any local regulations in order to avoid unnecessary exposure.
Technical Measures:	The use of gloves will reduce exposure to the preparation.
Specific Requirements:	None

Storage:

Specific design for storage rooms or vessels:	None
Incompatible Materials:	Strong acids or alkali compounds may inactivate biological cultures. Avoid strong oxidising agents. Do not store in metallic containers
Conditions of Storage:	Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Avoid freezing temperatures. Avoid temperatures above 45 °C to preserve biological stability.
Quantity Limits:	None
Packaging Materials:	Packaging can be recycled

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:	Not Required
Protective Gloves:	Wear impermeable Gloves
Eye Protection:	Eye protection is recommended
Ventilation:	Local Exhaust
Other Protective Equipment:	Not Required
Hygienic Work Practices:	Wash hands Thoroughly After Use

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid Tablets
Appearance:	Tan
Odour:	slightly yeasty
pH:	approx 6.0
Boiling Point/Boiling Range:	> 100 °C
Melting Point/Melting Range:	Not applicable
Flash Point:	Not determined
Flammability (Solid, Gas):	Not applicable
Autoflammability:	Not determined
Explosive Properties:	Predicted not explosive based on non-chemical structure.
Oxidising Properties:	Not determined

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Solubility	- Water solubility:	100% (aqueous product)
	- Fat solubility:	Not determined
Partition coefficient n-octanol/water:	Not determined	
Other Data:	None available	

10. STABILITY AND REACTIVITY

Conditions to Avoid:	Excessive temperature variations, below 0°C or above 70 °C
Materials to Avoid:	Strong acid, chemicals or alkali compounds may inactivate biological cultures.
Hazardous Decomposition Products:	No Hazardous decomposition of products

11. TOXICOLOGICAL INFORMATION

Inhalation – No Known Hazard
Eye irritation – Minimal effects clearing in less than 24 hours
Skin irritation – Mild or slight irritation to sensitive skin
Ingestion – may cause irritation to mouth, throat and digestive tract. May cause nausea and diarrhea

12. ECOLOGICAL INFORMATION

Biodegradability:	This product is considered non-hazardous to the environment and is fully biodegradable . No special disposal method required. Residue may be washed to the drain.
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13. DISPOSAL CONSIDERATIONS

Chemical:	Dispose to foul drain/sewer after use, subject to local regulations
Packaging:	Recycling is recommended.

14. TRANSPORT INFORMATION

Not classified as Hazardous for Transportation

Proper shipping Name: Bio-surfactants, enzymes and bacterial spores

15. REGULATORY INFORMATION

Supply Label Details

Label Name	Envii Grease Trap Tablets Classed as non-hazardous under EPA Acute Toxicity Category IV(40 CFR Part 156.10)
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Symbols

Risk Phrases

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Safety	S2	Keep out of reach of children
	S26	In case of contact with eyes rinse immediately with plenty of water and seek medical advice
	S46	If swallowed seek medical advice immediately and show label

R-phrases: None

16. OTHER INFORMATION

Use in accordance with directions.

The above information is based on the present state of our knowledge at the time of publication. It is given in good faith, no warranty is implied with respect to quality or specification of product. The user must satisfy himself that the product is entirely suitable.