

Health & Safety Data Information

1) Identification of the substance and company

Product Name : SYMBIO Thatch Eater **Product Code :** GTE
Synonyms (if any): GTE

Supplied by: Symbio
Unit 38 Bookham Industrial Park **Tel:** 01372 456 101
Church Road **Fax:** 01372 456 099
Great Bookham **www.symbio.co.uk**
Surrey KT23 3EU

2) Composition & Information on Ingredients

Contains: Micro organisms conforming to EC EFB Class 1 (common saprophytic micro organisms - never shown to be a causal agent in human illness) on an inert mineral base plus sulphates, nitrates, and trace elements

Components which may be Hazardous: None

3) Hazards Identification

Specific Risks : None
Principal Dangers : None

4) First Aid Information

Exposure Route	Symptom	Treatment
Inhalation	Shortness of breath	Breathe fresh air
Skin Contact	Mild dermatitis	Wash with water
Eye Contact	Inflammation	Wash with water for at least 10 minutes
Ingestion	Nausea	Rinse mouth but do not drink water in great quantity

Immediate Treatment / Antidote : Symptomatic treatment
Delayed Effects : Possibility of allergies in subjects sensitive to enzymes

5) Fire Fighting Measures

Suitable Extinguishers : For surrounding fire
Unsuitable Extinguishers : None
Hazardous Combustion Products : None
Special Equipment for Fire Fighting : For surrounding fire

6) Accidental Release Measures

Safety Precautions : Wear mask and gloves if exposed to large quantities of dust.
Environmental Precautions : Will not harm environment. Will encourage plant growth
Clean up Procedure : Collect bulk product and bag for refuse or disposal. Wash remaining product to drain.

7) Handling & Storage

Handling : **Ventilation :** Usual precautions for dusts

Storage : Temperature Range 5°C - 35°C

Keep Away From : Heat and humidity
Suitable Storage Media : Paper, plastic. Avoid metal for long term storage

8) Exposure Controls / Personal Protection

Respiratory : Wear a mask if exposed to dust
Hand : Wear gloves
Eye : Wear goggles if exposed to dust
Skin : Wear dust protective clothing. Wash before re-use
Hygiene Measure : Do not allow product to come into contact with food preparation surfaces

9) Physical & Chemical Properties

Appearance :	Brown powder pH 8
Melting Point / Range :	N/A
Oxidising Properties :	May increase redox potential of soil or silt
Relative Density :	1.0 +/- 5%
Solubility in Water :	20% soluble
Solubility in Solvent :	Slight but soluble in acids
Decomposition Temperature :	Active ingredients decompose at temp >40°C

10) Stability & Reactivity

Known Hazardous Reactions :	None
Materials to Avoid :	Acids, biocides
Hazardous Decomposition Products :	None

11) Toxicological Information

Effects : The mineral base is considered non toxic. The micro organisms are all saprophytes.

12) Ecological Information

Environmental Effects :	Will degrade dead organic matter. Will enhance activity in composting and waste water treatment plant.
Mobility :	None
Degradability :	The substrate is partially bio degradable
Aquatic Toxicity :	The product will improve the quality of water in aerated aquatic eco systems. May increase the pH of water in concentrated form.

13) Disposal Considerations

Substance :	Sweep up into plastic or paper containers for re-use or disposal. Wash remaining product to drain.
Container :	Store in dry conditions in paper or plastic containers.

14) Transport Information

No special Precautions :	Not assigned in : The Road Traffic (Carriage of Dangerous Substances in Road Tankers and Tank Containers) Regulations The Road Traffic Carriage of Dangerous Substances in Packages Regulations
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15) Regulatory Information

Supply Label Details :	
Label Name :	Symbio Green Circle Thatch Eater
Symbols :	None
Risk Phrases :	None
Safety Phrases :	Keep away from children. Wear mask if exposed to dust.
E.E.C. No :	Not classified

16) Other Information

This material is usually used for : Enhancing the biological activity on sports turf and degradation of dead organic matter containing cellulose and lignin.

Active ingredients are activated by moisture. Keep humidity below 2%

The above information is based upon the state of our knowledge of the product at the time of writing. No warranty is implied with respect to the quality or the product. The user should satisfy himself that the product is entirely suitable for the intended use.