

## Health & Safety Data Information

### 1) Identification of the substance and company

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

**Supplied by:** Symbio  
Unit 8 Coopers Place  
Combe Lane  
Wormley  
Surrey GU8 5SZ

**Tel:** 01428 685762  
**Fax:** 01428 685702  
**www.symbio.co.uk**

### 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 for repeated exposure  
**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 :** Tan granule 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

### 15) Regulatory Information

**Supply Label Details :**  
**Label Name :** **Symbio Thatch Eater**  
**Symbols :** None  
**Risk Phrases :** R36 Irritating to Eyes  
R37 Irritating to Respiratory System  
**Safety Phrases :** S2 Keep out of the reach of children.  
S8 Keep container dry.  
S13 Keep away from food, drink and animal foodstuffs.  
S20 When using, do not eat or drink.  
S22 Do not breathe dust.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36 Wear suitable protective clothing.  
S47 Keep at temperature not exceeding 35°C.  
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.  
S25 Avoid contact with eyes.  
**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.