

Health & Safety Data Information

1) Identification of the substance and company

Product Name : SYMBIO MYCORRHIZAL INNOCULANT **Product Code :** 410 MI

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 VA Mycorrhizal fungi, activating nutrients 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
Ingestion	Nausea	Rinse mouth but do not drink water in great quantity

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

Delayed Effects :

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 reuse 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 if subject to prolonged 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 : Brown granular powder
Melting Point / Range : N/A
Oxidising Properties : None
Relative Density : +/-1.0
Solubility in Water : Insoluble
Solubility in Solvent : Slight but soluble in acids
Decomposition Temperature : Active ingredients decompose at temp >40°C

10) Stability & Reactivity

Known Hazardous Reactions : Non
Materials to Avoid : Acids, biocides, fungicides
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

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. Wash remaining product to drain.

14) Transport Information

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

15) Regulatory Information

Supply Label Details :

Label Name : **Symbio Mycorrhizal Inoculant**
Symbols : None
Risk Phrases : None
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.

E.E.C. No : Not classified

16) Other Information

This material is usually used for : Enhancing the biological activity and growth on sports turf.

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.