



SAFETY DATA SHEET
SYMBIO LIQUID FUNGIBOOSTER

SDS COMPLETED 11TH MARCH 2016

VERSION 01
REVISION NUMBER: N/A

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Name:

Symbio Liquid FungiBooster

1.2 Relevant identified uses and uses advised against:

Soil amendment

1.3 Details of Supplier of Safety Data Sheet:

Company name:

Eco Solutions (C&R) Ltd T/a Symbio
Unit 8
Coopers Place
Combe Lane
Wormley
Surrey
GU8 5SZ

Tel: +44 (0) 1428 685762

Fax: +44 (0)1428 685702

Email: info@symbio.co.uk

1.4. Emergency telephone number

Emergency telephone numbers +44 (0)1428 685762

2. Hazards Identification

2.1 Classification of the mixture:

According to Regulation (EC) No 1272/2008: not classed as hazardous

2.2 Label elements:

None

Signal Word: none

Hazard Statement(s):

None

Precautionary statement(s) (prevention):

P235 – Keep cool.

P410 – Protect from sunlight.

P261 – Avoid breathing spray.

Precautionary statement(s) (response):

P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

P302 + P350 – IF ON SKIN: Gently wash with plenty of soap and water.

Precautionary statement(s) (disposal):

P501: Dispose of contents/container in accordance with local regulations



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2.3 Other hazards

The mixture does not fulfil the criteria for PBT or vPvB substance

The fungi in this mixture are considered to belong to hazard group 1 as defined by the Advisory Committee on Dangerous Pathogens (ACDP) as "a biological agent unlikely to cause human disease". It should NOT be assumed however, that this organism will be innocuous in all situations or that infections can never occur. The mixture should therefore not be used by, or in the presence of immunocompromised persons.

3. Composition/Information on ingredients

A liquid solution of fungal spores

Dangerous components:

77-92-9	Citric Acid	 Eye Irrit. 2A, H319	<1%
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4. First Aid Measures

4.1 Description of first aid measures:

Following aspiration/inhalation:

Move affected to person to fresh air, keep person quiet and warm, in case of respiratory failure administer artificial respiration and seek medical attention.

Following skin contact:

Wash affected areas with plenty of water.

Following eye contact:

Remove contact lenses, if present and easy to do. Rinse eyes with water for at least 15 minutes while holding eyelids apart.

After ingestion:

Rinse mouth with water, drink plenty of water. Do not induce vomiting.

4.2 Most important symptoms and effects,

Both acute and delayed: Sensitive individuals may experience breathing difficulties. Headache. Slight irritant effect on eyes

4.3 Indication of any immediate medical attention and special treatment needed:

Follow advice in 4.1

5. Fire Fighting Measures

5.1 Extinguishing media:

Suitable extinguishing media: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Unsuitable extinguishing media: not applicable

5.2 Special hazards arising from the mixture:

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for fire fighters:

Firefighters should be equipped with breathing apparatus appropriate to environmental conditions and wear protective clothing.



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6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

6.1.1 non emergency personnel

Avoid contact with eyes and skin and dust formation, do not ingest liquid. Wear suitable protective clothing (overalls) and gloves.

6.1.2 emergency personnel

see 6.1.1

6.2 Environmental Precautions:

Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up:

6.3.1 containment:

no special precautions

6.3.2 clean-up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.3.3 other information relating to spills and releases:

not applicable

6.4 Reference to other sections:

Personal protective means are given in section 8. Disposal advice is given in section 13.

7. Handling and Storage

7.1 Precautions for safe handling:

Read the label before use. Avoid ingestion, do not inhale spray. Wash hands after working with product. Do not smoke, eat or drink when handling product. Employees should wear protective work clothing, shoes and gloves. Use only in well ventilated areas. Prevent formation of aerosols.

7.2 Conditions for safe storage, including any incompatibilities:

Store in original containers in a cool dry place. Prolonged storage should be in a fridge. Protect from light, raised temperatures and humidity. Store away from foodstuffs. Store away from oxidizing agents. Keep container tightly sealed.

7.3 Specific End Use:

The mixture is designed to be diluted with water prior to use. See label for specific instructions



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8. Exposure Controls

8.1 Control Parameters:

Contains no substances with occupational exposure limit values.

8.2 Exposure controls:

8.2.1 Appropriate Engineering Controls:

Work in a well ventilated area. Avoid eating drinking and smoking. Wash hands after use. Keep away from foodstuffs, beverages and feed. Do not inhale mist. Avoid contact with the eyes and skin.

8.2.2 Individual Protection Measures, such as personal protective equipment:

Respiratory protection:

Not required under normal conditions of use.

Use suitable respiratory protective device when high concentrations are present.

Use suitable respiratory protective device when aerosol or mist is formed. For large spills, respiratory protection may be advisable. **Protection of hands:**



Protective gloves

Wear protective gloves to handle contents of damaged or leaking units.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Eye protection:



Safety glasses

Body protection: Not required for normal conditions of use. Protection may be required for spills.

Limitation and supervision of exposure into the environment: No further relevant information available.

8.2.3 Environmental exposure controls

Not applicable

9. Physical and Chemical Properties

9.1 on basic physical and chemical properties

- | | |
|----------------------------------|-----------------|
| a) Appearance: | Green |
| b) Odour: | Organic |
| c) Odour threshold: | not known |
| d) pH: | 3.7 approximate |
| e) melting point/freezing point: | undetermined |
| f) boiling point: | undetermined |
| g) flash point: | not applicable |
| h) evaporation rate: | As for water |
| i) flammability: | not applicable |
| j) explosive limits: | not applicable |
| k) vapour pressure: | same as water |
| l) vapour density: | same as water |
| m) specific gravity: | not determined |
| n) solubility in water: | soluble |
| o) partition coefficient: | not applicable |



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- p) auto ignition temperature: not applicable
- q) decomposition temperature: not applicable
- r) viscosity: not applicable
- s) explosive properties: not applicable
- t) oxidising properties: not applicable

9.2 Other Information:

Explosive properties: not classified as explosive
Storage temperature: 0-30°C

10. Stability and Reactivity

10.1 Reactivity:

Beware of following conditions: avoid mixing with chemicals Beware of following materials: Reacts with strong oxidizing agents.

10.2 Chemical stability:

Stable

10.3 Possibility of hazardous reactions:

None

10.4 Conditions to avoid:

Do not expose the mixture to sunlight and raised temperature. No decomposition if used and stored according to specifications.

10.5 Incompatible Materials:

None

10.6 Hazardous decomposition products

Carbon monoxide and carbon dioxide

11. Toxicological Information

11.1 Information on toxicological effects Mixture:

- a) Acute toxicity – non toxic
- b) Irritation – not an irritant
- c) Corrosivity – non corrosive
- d) Sensitisation – may cause sensitisation in certain susceptible individuals.
- e) Repeated dose toxicity – non toxic
- f) Carcinogenicity – non carcinogenic
- g) Mutagenicity – non mutagenic
- h) Toxicity for reproduction – non toxic

Information on likely routes of exposure:

Inhalation: may cause mechanical irritation to lungs

Skin: not absorbed through skin

Eyes: spray may cause eye irritation (mechanical)



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Ingestion: unlikely to be harmful if swallowed
Symptoms related to related to the physical, chemical and toxicological characteristics:
If inhaled, may cause shortness of breath.
Delayed and immediate effects and chronic effects from short and long term exposure.
If inhaled, may cause shortness of breath
Interactive Effects:
None
Absence of data:
If information is not listed in section 11 it is due to non availability of data or not appropriate.
Other Information
Not applicable

12. Ecological Information

12.1 Toxicity:

Not determined

12.2 Persistence and degradability

Biodegradable.

12.3 Bioaccumulative potential

Not expected to accumulate

12.4 Mobility in soil

Not determined

12.5 Result of PBT and vPvB assessment

Not classified as PBT or vPvB substances

12.6 Other adverse effects:

None known

13. 13. Disposal Considerations

13.1 Waste treatment methods Product:

Use licensed waste disposal company Contaminated packaging:
Dispose of as unused product.

14. Transport Information

14.1 UN Number

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name:

ADR/RID: not dangerous goods
IMDG: not dangerous goods
IATA: not dangerous goods



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14.3. Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4. Packaging Group

ADR/RID: - IMDG: - IATA: -

14.5. Environmental hazards

ADR/RID: no IMDG marine pollutant: no IATA: no

14.6. Special precautions for user

No

14.7 Transport in bulk according to Annex II MARPOL 73/78 and the IBC code

Not regulated

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the mixture

The preparation is exempt from REACH requirements as the preparation contains biological material and is not a substance.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending repealing Directives 67/548/EEC and 199/45/EC and amending Regulation (EC) No 1907/2006 with amendments.

15.2 Chemical Safety Assessment

No data available

16. Other Information

This safety data sheet has been prepared in accordance with Regulations (EC) of the European Parliament Council No 1272/2008 and Commission Regulation (EU) No 453/2010.

Disclaimer

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