

SAFETY DATA SHEET

1. **PRODUCT** : UltraShield ACTIVE
CODE : BS240B
COMPANY : Envirobridge Limited
Suite 33, 29/30 Horsefair, Banbury. OX16 9AA
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Email: info@envirobridge.co.uk

2. **GENERAL COMPOSITION**
Contains : Saprophytic micro organisms conforming to EC EFB Class 1 (not causal agents in human illness) on an inert mineral base primarily porous volcanic rock and calcium carbonate, plus trace elements, nitrates, phosphates, sulphates and surfactants.
Components which may be considered hazardous:
: None

3. **HAZARD IDENTIFICATION**
Specific Risks : None
Principal dangers : None

4. **FIRST AID MEASURES**

| Exposure Route | Symptom | Treatment |
|--------------------------------------|---|--|
| Inhalation | Shortness of breath | Breathe fresh air |
| Skin Contact | Possible allergies | Wash with water |
| Eye Contact | Inflammation | Wash with water |
| Ingestion | Nausea | Rinse mouth but do not drink water in great quantity. |
| | | Symptomatic treatment. |
| Immediate Treatment /Antidote | | |
| Delayed Effects | Possibility of allergic reaction to dusts or micro organisms manifested as dermatitis or shortness of breath. | Treat shortness of breath with anti histamine under medical supervision if symptoms persist. |

5. **FIRE FIGHTING MEASURES**

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|---|-------------------------|
| Extinguishing Media | As for surrounding fire |
| Unsuitable Extinguishers | None |
| Hazardous Combustion Products | None |
| Fire Fighting Protective Equipment | As for surrounding fire |

6. **ACCIDENTAL RELEASE MEASURES**

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|----------------------------------|---|
| Safety Precautions | Take usual precautions for dusts. Wear mask and gloves if exposed to large quantities of dust. |
| Environmental Precautions | Will not harm the environment. |
| Clean-up Procedure | Collect bulk product and bag for disposal in accordance with local regulations. Wash remaining product to drain . |

7. **HANDLING AND STORAGE**

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|-------------------------------|--|
| Handling | : Avoid forming dust in suspension. Wear mask and goggles suitable for nuisance dust if this is likely to occur. |
| Ventilation | : Usual precautions for dust. |
| Temperature Range | : 5°C - 40°C |
| Keep Away From | : Heat and humidity |
| Suitable Storage Media | : Paper and plastic. Avoid metal for long term storage. |

8. **EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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|------------------------|--|
| Respiratory | : Wear mask if exposed to dust. |
| Hand | : Wear gloves. |
| Eye | : Wear goggles. |
| Skin | : Wear dust protective overalls. |
| Hygiene Measure | : Do not allow product to come into contact with food preparation surfaces. When used a prescribed, protective clothing should not be necessary as contact should not occur. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|-----------------------------------|---|--------------------------------------|
| Appearance | : | Off-white powder |
| Melting Point/Range | : | Not applicable |
| Oxidising Properties | : | None |
| Relative Density | : | +/- 1 |
| Solubility in Water | : | 90/95% soluble |
| Solubility in Solvent | : | Slight but soluble in acids |
| Decomposition Temperature: | : | Active ingredients decompose @ >40°C |
| pH | : | 7.5 |

10. STABILITY AND REACTIVITY

| | | |
|--|---|--|
| Known Hazardous Reactions: | : | None |
| Materials to Avoid | : | Strong acids, alkalis and biocides. Humidity and temperature >40°C |
| Hazardous Decomposition Products: | : | None |
| Stability | : | 2-5 years. Undertake quality control measures after 2 years. |

11. TOXICOLOGICAL INFORMATION

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|----------------|---|--|
| Effects | : | The mineral base is considered non-toxic. The micro organisms are all saprophytes. The micro organisms may affect subjects sensitive to allergies. |
|----------------|---|--|

12. ECOLOGICAL INFORMATION

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|------------------------------|---|--|
| Environmental Effects | : | Will degrade dead organic matter. Will enhance activity in waste water treatment plants. |
| Mobility | : | None |
| Degradability | : | The mineral substrate is not biodegradable. |
| Aquatic Toxicity | : | The product will improve the quality of water in aerated aquatic eco systems. It contains small quantities of metal salts commonly used as flocculants in waste water treatment. |

13. DISPOSAL CONSIDERATIONS

| | | |
|------------------|---|---|
| Substance | : | Do not activate bulk powder by adding water. Keep dry and collect for use as directed to dispose in accordance with local waste disposal regulations. Surplus product may be flushed to drain with water. It will enhance the activity of waste treatment plants. |
| Container | : | Store in dry conditions in plastic container. |

14. TRANSPORT INFORMATION

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 | : | Manufacturer's Classification |
| Label Name | : | UltraShield Active |
| Symbols | : | None |
| Risk Phases | : | None |
| Safety Phases | : | Keep out of reach of children. |
| EEC No. | : | Not classified |

16. OTHER INFORMATION

This product is to be used for enhancing the biological activity of septic tanks to prevent blockages and odours and improve effluent quality.
Micro organisms are activated by moisture, keep humidity below 2%
Read label before opening container.
The above information is based upon the state of our knowledge of the product at the time of writing as supplied by the manufacturer.
No warranty is implied with respect to the quality of the product.
The user should satisfy him/herself that the product is entirely suitable for the intended use.

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BS240B

