

SAFETY DATA SHEET

1. **PRODUCT** : UltraShield COMBAT
CODE : BS740A
COMPANY : Envirobridge Limited
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2. **GENERAL COMPOSITION**
Contains : Saprophytic micro organisms conforming to EC EFB Class 1 (not causal agents in human illness) on a soluble inert mineral base primarily containing of nitrogen and phosphorus.
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.
Immediate Treatment /Antidote		Symptomatic treatment.
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**

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**

Safety Precautions	Take usual precautions for dusts. Wear mask and gloves if exposed to large quantities of dust.
Environmental Precautions	Can cause eutrophication of water bodies in large quantities.
Clean-up Procedure	Collect bulk product and bag for disposal in accordance with local regulations. Wash remaining product to drain .

7. **HANDLING AND STORAGE**

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 - 35°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**

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**
- Appearance : Off-white powder
 Melting Point/Range : Not applicable
 Oxidising Properties : None
 Relative Density : +/- 1.0
 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 >35°C
 Hazardous Decomposition Products: None
 Stability : 2-5 years. Undertake quality control measures after 2 years.
- 11. TOXICOLOGICAL INFORMATION**
- 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**
- 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 can cause nutrient enrichment of an aquatic ecosystem
- 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 COMBAT
 Symbols : None
 Risk Phases : R22 Harmful if swallowed
 R36 Irritating to eyes
 R37 Irritating to respiratory system
 Safety Phases : S2 Keep out of reach of children.
 S8 Keep container dry
 S20 When using, do not eat or drink
 S22 Don not breathe dust
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S 28 After contact with skin, wash immediately with plenty of soap suds.
 S62 If swallowed, do not induce vomiting; seek medical attention immediately and show this safety sheet or label.
 EEC No. : Not classified
- 16. OTHER INFORMATION**
- This product is to be used for enhancing the biological activity and specifically the degradation of aliphatic and aromatic hydrocarbons in soils and water.
 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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