

SOLTECH
Health & Safety Data Information

1) Identification of the substance and company

Product Name : Bio-Sol Septitank **Product Code :** BST
Synonyms (if any):
Supplied by: SOLTECH,
P.O. Box 442,
North Shields,
Tyne & Wear,
NE30 2XR
UNITED KINGDOM
Tel / Fax: +44 (0) 191 280 2093
e-mail: info@soltech.org.uk
web: www.soltech.org.uk

2) Composition & Information on Ingredients

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 & calcium carbonate, plus trace elements, nitrates, phosphates, sulphates, and surfactants
Components which may be Hazardous: None

3) Hazards Identification

Specific Risks: None
Principal Dangers: None

4) First Aid Information

Exposure Route	Symptom	Treatment
<u>Inhalation:</u>	Shortness of breath	Breathe fresh air
<u>Skin Contact:</u>	Possible allergies	Wash with water
<u>Eye Contact:</u>	Inflammation	Wash with water
<u>Ingestion:</u>	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 latter with anti histamine under medical supervision if symptoms persist	

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: Take usual precautions for dusts. Wear mask and gloves if exposed to large quantities of dust
Environmental Precautions: Will not harm environment
Clean up Procedure: Collect bulk product and bag for disposal in paper or plastic. Wash remaining product to drain.

7) Handling & Storage

Handling: Avoid forming dust in suspension. Wear mask and goggles suitable for nuisance dusts if this occurs
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
Eye: Wear goggles
Skin: Wear dust protective clothing
Hygiene Measure: Do not allow product to come into contact with food preparation surfaces. When used as prescribed in small quantities, protective clothing should not be necessary as contact with the product should not occur.

9) Physical & Chemical Properties

Appearance:	Off-white powder pH 7.5
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 at temp > 40°C

10) Stability & Reactivity

Known Hazardous Reactions:	None
Materials to Avoid:	Strong acids, alkalis, and biocides. Humidity and temperatures >40°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 effect subjects sensitive to allergies
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12) Ecological Information

Environmental Effects:	Will degrade dead organic matter . Will enhance activity in waste water treatment plant
Mobility:	None
Degradability:	The mineral substrate is not bio degradable
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 or dispose in accordance with local waste disposal regulations. Surplus product may be flushed to drain - it will enhance the activity of waste treatment plants
Container:	Store in dry conditions in plastic container. 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) Regulations The Road Traffic (Carriage of Dangerous Substances in Packages) Regulations
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15) Regulatory Information

Supply Label Details:	
Label Name:	Bio-Sol Septitank
Symbols:	None
Risk Phrases:	None
Safety Phrases:	Keep away from children
E.E.C. No:	Not classified

16) Other Information

This product is usually used for enhancing the biological activity of septitanks to prevent blockages and odours and improve effluent quality.

Revision date: 26/06/01

Micro organisms 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.