

SOLTECH
Health & Safety Data Information

1) Identification of the substance and company

Product Name : Bio-Sol Drain Clean **Product Code:** BSDC
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: Micro organisms conforming to EC EFB Class 1 on an inert mineral base (common saprophytic micro organisms - never shown to be a causal agent in human illness) plus activating nutrients and total N 8.4% as nitrate. CAS 7631-99-4 EINECS 213-554-3

Components which may be Hazardous: None

3) Hazards Identification

Specific Risks: None
Principal Dangers: When in fine particulate form as dust contact with combustible material, may cause fire. Highly unlikely to cause harmful effects under normal conditions of handling or use.

4) First Aid Information

Exposure Route	Symptom	Treatment
Inhalation:	Shortness of breath	Breathe fresh air, rest, and keep warm
Skin Contact:	Mild dermatitis	Wash with water
Eye Contact:	Inflammation	Wash with water for at least 10 minutes . Obtain medical attention
Ingestion:	Nausea	Rinse mouth but do not drink water in great quantity. Do not induce vomiting. If patient is unwell, seek medical attention

Immediate Treatment / Antidote : Symptomatic treatment
Delayed Effects: If exposure to fumes when heated is suspected, keep under medical supervision for at least 48 hours as delayed pulmonary oedema may develop. Possibility of allergies in subjects sensitive to enzymes.

5) Fire Fighting Measures

Suitable Extinguishers: Water spray, dry powder carbon dioxide
Unsuitable Extinguishers:
Hazardous Combustion Products: Oxides of nitrogen
Special Equipment for Fire Fighting: Self contained breathing apparatus

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 refuse or disposal. Wash remaining product to drain.

7) Handling & Storage

Handling: **Ventilation:**
Good general ventilation with usual precautions for dusts

Storage: **Temperature Range:**
5°C - 35°C

Keep Away From: Combustibles, acids and oxidizable materials
Suitable Storage Media: Paper, plastic. Avoid metal for long term storage

8) Exposure Controls / Personal Protection

Respiratory: Wear a mask if exposed to dust. Type RPE
Hand: Wear gloves
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:	Off-white powder pH 8
Melting Point / Range:	Nitrates melt at 306°C
Oxidising Properties:	Slight
Relative Density:	1.15
Solubility in Water:	Partially soluble
Solubility in Solvent:	Slight
Decomposition Temperature:	Active biological ingredients decompose at temp >40°C if exposed for long periods

10) Stability & Reactivity

Known Hazardous Reactions:	None
Materials to Avoid:	Acids, biocides
Hazardous Decomposition Products:	Oxides of nitrogen

11) Toxicological Information

Effects: The mineral base is considered non toxic. The micro organisms are all saprophytes. Inhalation of large quantities of dust may slightly irritate upper respiratory tract. Dust may cause eye irritation.

12) Ecological Information

Environmental Effects:	Will degrade dead organic matter. Will enhance activity in composting and waste water treatment plant.
Mobility:	Highly mobile in soil
Degradability:	Substantially bio degradable apart from inert mineral base
Aquatic Toxicity:	The product will improve the quality of water in 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. Large quantities to be disposed by waste disposal contractor at an approved waste disposal site.

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

15) Regulatory Information

Supply Label Details:	
Label Name:	Bio-Sol Drain Clean
Symbols:	None
Risk Phrases:	None
Safety Phrases:	Keep away from children. Wear mask if exposed to dust. In case of fire, do not breathe fumes.
E.E.C. No:	Not classified

16) Other Information

This material is usually used for : Biological degradation of waste matter, fats and grease in drains, sewers and septic tank soakaways.

Revision date: 20/07/01

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.