

SOLTECH
Health & Safety Data Information

1) Identification of the substance and company

Product Name : Bio-Sol Liquid Drain Clean **Product Code BSLDC**

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
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2) Composition & Information on Ingredients

Contains: Saprophytic micro organisms conforming to EC EFB Class 1 (Not causal agents in human illness) in liquid suspension including small quantities of nitrate and phosphate

Components which may be Hazardous: The micro organisms in Liquid Drain Clean produce proteolytic and lipolytic enzymes which may provoke allergies in sensitised subjects.

3) Hazards Identification

Specific risks None
principal dangers None

4) First Aid Information

| 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: | Seek medical advice 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: Avoid long term skin contact
Environmental Precautions: No toxic action on uncultured soil
Clean up Procedure: Collect bulk product with inert absorbant and dispose in accordance with local regulations. Wash remaining product to drain. Liquid Drain Clean is used to clean drains and boost waste treatment plant.

7) Handling & Storage

Handling: Wear gloves and wash hands after use. Avoid eye contact and do not eat or drink when handling product.
Ventilation: Vapour may contain small quantities of CO₂ handle bulk concentrate in well ventilated conditions.
Storage: Temperature Range : 5°C - 15°C

Keep Away From: Heat and humidity
Suitable Storage Media: Plastic. Avoid metal for long term storage

8) Exposure Controls / Personal Protection

Respiratory: Ensure adequate ventilation as CO₂ is a by product of fermentation
Hand: Wear gloves, wash hands after contact
Eye: Wear goggles
Skin: Wear protective clothing is subject to frequent contact
Hygiene Measure: Do not allow product to come into contact with food preparation surfaces.
When used as prescribed, protective clothing should not be necessary as contact with the product should not occur.

9) Physical & Chemical Properties

| | |
|-----------------------------------|---|
| Appearance: | Brown liquid |
| Melting Point / Range: | Not applicable |
| Oxidising Properties: | None |
| Relative Density: | +/- 1 |
| Solubility in Water: | 90-95% soluble |
| Solubility in Solvent: | Not applicable |
| Decomposition Temperature: | Active ingredients decompose at temp > 40°C |
| pH: | 5.5 |

10) Stability & Reactivity

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|--|---|
| Known Hazardous Reactions: | None |
| Materials to Avoid: | Oxidising agents may cause an exothermic reaction |
| Hazardous Decomposition Products: | When heated may produce oxides of nitrogen and carbon. |
| Stability: | 2-5 years. Undertake quality control measures after 2 years |

11) Toxicological Information

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| Effects: | The product is not toxic to skin in usual conditions. The micro organisms are all saprophytes The micro organisms may effect subjects sensitive to allergies |
|-----------------|---|

12) Ecological Information

| | |
|-------------------------------|--|
| Environmental Effects: | Will degrade dead organic matter . Will enhance activity in waste water treatment plant |
| Mobility: | None |
| Degradability: | The product rapidly degrades or is assimilated as plant nutrient |
| Aquatic Toxicity: | The product will improve the quality of water in aerated aquatic eco systems. It will rapidly disperse in the aquatic environment. |

13) Disposal Considerations

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|-------------------|--|
| Substance: | Collect for use as directed or collect on inert absorbents 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. |

14) Transport Information

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| 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 Liquid Drain Clean |
| Symbols: | None |
| Risk Phrases: | None |
| Safety Phrases: | Keep away from children |
| E.E.C. No: | Not classified |

16) Other Information

This material is usually used for : Enhancing the biological activity and, specifically, the degradation of fats and greases, organo sulphur compounds, cellulose and lignin in grease traps, drains, sewers, and small waste water treatment plant.

Revision date: 20/07/01

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 as supplied by the manufacturer. 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.