

Material Safety Data Sheet – Bio-G

1.0 Preparation Identification

1.1	Product:	Bio-G
1.2	Supplier:	GMG Ltd, Eaton Works, Althorpe Street, Leamington Spa, CV31 2AV Tel. 01926 432030 Fax. 01926 432050

2.0 Composition

A liquid formulation containing specially selected bacteria and enzymes to liquefy and digest grease with secondary effects on complex proteins, cellulose, starch and surfactants.

3.0 Hazards Identification

Liquid enzyme solutions are naturally dust free. However, dust or aerosols may be formed as a result of inappropriate handling. Inhalation of dust or aerosols may induce sensitisation and may cause allergic reactions in sensitised individuals. Prolonged skin contact may cause minor irritation.

4.0 First Aid Measures

4.1	Skin Contact:	Wash hands thoroughly with water
4.2	Eye Contact:	Flush with plenty of water
4.3	Ingestion:	Wash out mouth with water. Take plenty of water or milk to drink. Do not induce vomiting.
4.4	Inhalation:	Remove from exposure. If symptoms of irritation or sensitisation occur (shortness of breath, wheezing or laboured coughing), call a doctor.

5.0 Fire-Fighting Measures

5.1	Suitable Fire-fighting Media:	Water, foam, carbon dioxide
5.2	Special Fire-fighting Procedures:	None
5.3	Hazardous Ingredients:	None

6.0 Accidental Release Measures

Small spillages can be washed away with water. Product is completely biodegradable. Larger spillages should be taken up via mechanical means avoiding high pressure washing which will cause splashing. Ensure that there is plenty of ventilation. Wash contaminated clothes.

7.0 Handling And Storage

No danger form handling packaged products, ensure containers remain sealed. Avoid formation of aerosols and dust from drying out of spillages. Avoid splashing and high pressure washing. Ensure good ventilation of room when handling. Store in cool place ensuring that temperature does not go below 0°C.

8.0 Personal Protection

8.1	Eyes:	Wear safety goggles.
8.2	Skin:	Wear rubber gloves.
8.3	Ingestion and Inhalation:	Wear protective mask.
8.4	General Precautions:	Always wash hands thoroughly after use.

9.0 Physical and Chemical Properties

9.1	Appearance:	Blue green liquid
9.1	Odour:	Lavender scent
9.2	pH:	Neutral
9.3	Flashpoint:	None
9.4	Water Solubility:	Completely miscible
9.5	Density:	1.000 ± 0.01
9.6	Microbial Count	1 x 10 ⁸ CFU's (Colony Forming Units) 0.5% Free Lipase – enzyme to accelerate colony growth and activity

10.0 Stability and Reactivity

This product is stable under normal conditions of use

10.1	Conditions To Avoid:	None
10.2	Materials To Avoid:	None
10.3	Hazardous Decomposition Products:	None

11.0 Toxicological Information

The product is made up of naturally occurring micro organisms which are known to be non-pathogenic to humans and animals, and have not been genetically engineered. This bacterial solution has been analysed by the Laboratory for the Study and Research into Health and Environment at the École Nationale De La Santé Publique in France and has been declared as non-pathogenic.

12.0 Ecological Information

The product is readily biodegradable

13.0 Disposal Considerations

No special disposal method required, except that it should be in accordance with local authority regulations.

14.0 Transport Information

UN No.	:	None
Road/Rail	:	Not Applicable
Sea	:	Not Applicable
Air	:	Not Applicable

15.0 Regulatory Information

The product is not subject to mandatory labelling.

This information is provided in good faith and constitutes our current knowledge of the product; it is intended that this data be read to enable the user to use the product safely. We cannot accept liability for any loss, injury or damage which may have resulted from the products use. Where the customer has particular concerns, we would recommend that they have their own tests carried out.