	<b>Safety Data Sheet</b>	Page: 1 of 5
		Revision Number: 1.4
		Date: 04.07.17
<b>Bio-D Glass &amp; Mirror Cleaner 12 x 500ml</b>		Product Codes: BGMS125, BGMR125.

## 1. IDENTIFICATION OF THE COMPANY AND PRODUCT

**Product Name:** Bio-D Glass & Mirror Cleaner  
**Product type:** Liquid (mixture)  
**Usage:** Streak free cleaner for use on all glass and mirrored surfaces

**Company:** The Bio-D Company Ltd  
 Unit 31 Bergen Way  
 Sutton Fields  
 Hull  
 HU7 0YQ

**E-mail:** [info@biodegradable.biz](mailto:info@biodegradable.biz)  
**Website:** [www.biodegradable.biz](http://www.biodegradable.biz)  
**Emergency Telephone:** +44 (0)1482 229950 (office hours only)



## 2. HAZARDS IDENTIFICATION

Classification under EU 1272/2008 (CLP):

H320: Causes Eye Irritation – Category 2B

**Inhalation:** Not hazardous under normal conditions.  
**Skin Contact:** May Cause Mild Skin Irritation.  
**Eye contact:** Causes Eye Irritation.  
**Ingestion:** May cause stomach ache, diarrhoea, nausea and vomiting.

**Signal words:** Warning  
**Hazard Pictograms:** None

**Precautionary Statements:** P305 IF IN EYES  
 P351 Rinse cautiously with water for several minutes  
 P338 Remove contact lenses if present and easy to do  
 P337 + P313 If eye irritation persists, get medical advice/attention  
 P102 Keep out of reach of children.

For full details of all risk phrases see section 16



# Safety Data Sheet

Page: 2 of 5

Revision Number: 1.4

Date: 04.07.17

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE	CONTENT	EC Number	CAS No.	CLASSIFICATION
Acetic Acid	1% - 5%	200-580-7	64-19-7	H226, H314
Nonionic Surfactant	0.1 – 1%		8051-30-7	H315, H318
Anionic Surfactant	< 0.1%	500-223-8	68585-34-2	H318, H319
Sodium Hydroxide	< 0.1%	215-185-5	1310-73-2	H290, H314
Orange Oil	< 0.1 %	220-162-8	8008-57-9	H226, H315

### 4. FIRST AID MEASURES

Inhalation: Not expected to present a significant hazard under normal conditions of use

Skin Contact: Rinse immediately with plenty of water.

Eye contact: Rinse immediately for at least 10 minutes with plenty of clean water. Seek medical attention should the irritation persist. Inadequate first aid may lead to long term eye issues.

Ingestion: Wash out mouth and do not induce vomiting. Give the effected individual two glasses of water to drink themselves.

### 5. FIRE FIGHTING MEASURES

Extinguishing media

- Suitable extinguishing media: All extinguishing media can be used.
- Unsuitable extinguishing media: None
- Protection against fire: Exercise extreme caution when fighting any chemical fire. See section 8 for full exposure and personal protection guidance.

### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear personal protective equipment. Avoid Contact with skin and eyes. The area of the spill may be slippery. See also section 8.

Environmental Precautions: Avoid release into the environment.

Clean up guidance: Scoop up large quantities with an appropriate shovel or soak up with inert absorbent material. Dispose of as chemical waste. After initial clean up or for small spills rinse thoroughly with water.



# Safety Data Sheet

Page: 3 of 5

Revision Number: 1.4

Date: 04.07.17

**Bio-D Glass & Mirror Cleaner 12 x  
500ml**

Product Codes: BGMS125,  
BGMR125.

## 7. HANDLING AND STORAGE

Fire Precautions: Not expected to be flammable under normal conditions of use.  
Storage: Store in a cool but frost free place. Keep out of the reach of children.  
Handling: Waterproof gloves are recommended for prolonged use or extended contact with product. Wear goggles if there is any risk of splashing.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Personal Protection

Skin: Wear waterproof gloves when cleaning up material or if individual has sensitive skin. If there is a risk of excessive splashing wear waterproof clothing.  
Eyes: Wear safety goggles where there is risk of splashing.  
Respiratory: Not applicable.  
Environment: Avoid release into the environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, water like, liquid  
Colour: Colourless  
Odour: Characteristic, slight vinegar  
pH value: 2.8-3.3  
Relative density: 1.00 Kg/L  
Solubility: Complete  
Flash Point: No available data  
Flammability: Non-flammable  
Viscosity @20°C: <100 mPa's  
Explosive properties: None  
Oxidising properties: None

## 10. STABILITY AND REACTIVITY

Stability & Reactivity: Stable under normal conditions of storage, handling and use.  
Conditions to avoid: Temperature extremes, store at >0°C and <40°C.  
Incompatible materials: Do not mix with other cleaning products.  
Hazardous decomposition: None under normal conditions.



# Safety Data Sheet

Page: 4 of 5

Revision Number: 1.4

Date: 04.07.17

**Bio-D Glass & Mirror Cleaner 12 x  
500ml**

**Product Codes: BGMS125,  
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## 11. TOXICOLOGICAL INFORMATION

Acute toxicity:	No data available.
Ingestion:	May cause stomach ache, diarrhoea, nausea and vomiting.
Irritation:	Prolonged contact with product may cause de-fatting or slight irritation.
Inhalation:	Inhalation of large quantities may cause irritation of the mouth, nose and upper respiratory tract.
Corrosion:	Not corrosive.
Sensitisation:	To the best of our knowledge this product contains no sensitising ingredients.

## 12. ECOLOGICAL INFORMATION

Eco toxicity:	No available data.
Degradability:	The raw materials in this product comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. The product is readily biodegradable under normal conditions.

## 13. DISPOSAL CONSIDERATIONS


General Disposal:	Dispose of in accordance with local and national regulations. The product should be treated as chemical waste. If in any doubt please check with your local or national authority.
Packaging:	In order to recycle packaging wash container with water and dispose of effluent to sewage treatment system. All packaging (including cap and label) can then be recycled in accordance with local regulations.

## 14. TRANSPORT INFORMATION

The product is not classified as hazardous for transportation.

## 15. REGULATORY INFORMATION

Warning Symbols: None

	<b>Safety Data Sheet</b>	Page: 5 of 5
		Revision Number: 1.4
		Date: 04.07.17
<b>Bio-D Glass &amp; Mirror Cleaner 12 x 500ml</b>		Product Codes: BGMS125, BGMR125.

**16. OTHER INFORMATION**

Do not mix with other chemicals.

**Risk, Safety and Hazard phrases relevant to the raw materials contained in this product as per section 3:**

- H290: May be corrosive to metals.
- H226: Flammable liquid and vapour.
- H314: Causes severe skin burns and eye damage.
- H315: Causes skin irritation.
- H316: Causes mild skin irritation
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation
- H320: Causes eye Irritation
  
- P102: Keep out of reach of children.
- P305: IF IN EYES
- P351: Rinse cautiously with water for several minutes
- P338 : Remove contact lenses if present and easy to do
- P337 + P313: If eye irritation persists, get medical advice/attention

BGMS125  
 Product Barcode: 5034938100094  
 Outer Barcode: 5034938300050

BGMR125  
 Product Barcode: 5034938100117  
 Outer Barcode: 5034938300104

Intended Shelf Life: 12 months from opening

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This data does not constitute an assessment of the workplace risks associated with the storage, handling, use and disposal under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).