



# Safety Data Sheet

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Revision Number: 1.1

Date: 16 February 2016

**Bio-D Sanitising Hand Wash**  
Geranium

Product Codes: BHWG65,  
BHWG45.

## 1. IDENTIFICATION OF THE COMPANY AND PRODUCT

Product Name: Bio-D Sanitising Hand Wash  
 Product type: Liquid (mixture)  
 Usage: Washing and sanitising of hands

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

Hazards Identification: Not classified as hazardous.

Inhalation: Not hazardous under normal conditions.  
 Skin Contact: Not hazardous under normal conditions. If irritation occurs wash skin thoroughly with water, if irritation persists, seek medical attention.  
 Eye contact: May cause eye irritation.  
 Ingestion: May cause stomach ache, diarrhoea, nausea and vomiting.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE	CONTENT	EC Number	CAS No.	CLASSIFICATION
Anionic Surfactant	5% - 15%	500-223-8	68585-34-2	H315, H320
Nonionic Surfactant	1% - 5%		8051-30-7	H315, H318
Lactic Acid	1% - 5%	201-196-2	79-33-4	H315, H318
Parfum	0.1% - 1%			H315, H317, H318, H412
Sodium Hydroxide	0.1% - 1%	215-185-5	1310-73-2	H290, H314

For full details of all risk phrases see section 16



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## 4. FIRST AID MEASURES

Inhalation: Not relevant.

Skin Contact: Not hazardous under normal conditions. If irritation occurs wash skin thoroughly with water, if irritation persists, seek medical attention.

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.

## 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 concentrated product. Wear goggles if there is any risk of splashing.



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### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### Personal Protection

Skin:	Wear waterproof gloves when cleaning up concentrated 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, viscous, liquid
Colour:	Colourless
Odour:	Geranium
pH value:	4-4.5
Relative density:	1.03
Solubility:	Complete
Flash Point:	No available data
Flammability:	Non-flammable
Viscosity @20°C:	> 800 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.

### 11. TOXICOLOGICAL INFORMATION

Acute toxicity:	No data available.
Ingestion:	May cause stomach ache, diarrhoea, nausea and vomiting.
Irritation:	Prolonged contact with concentrate may cause irritation.
Inhalation:	Not hazardous under normal conditions.
Corrosion:	Not corrosive.
Sensitisation:	To the best of our knowledge this product contains no sensitising ingredients.



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## 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.


Risk Phrases: None.

Safety Phrases: S2: Keep out of the reach of children.

## 16. OTHER INFORMATION

Do not mix with other chemicals.  
This product conforms to BSEN 1276 (control of e-coli/salmonella) certificate available on request.  
**Risk, Safety and Hazard phrases relevant to the raw materials contained in this product as per section 3:**

H290: May be corrosive to metals.  
H272: May intensify fire; oxidiser.  
H226: Flammable liquid and vapour.  
H302: Harmful if swallowed.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H316: Causes mild skin irritation.  
H317: May cause an allergic skin reaction.

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## 16. OTHER INFORMATION (continued)

- H318: Causes serious eye damage.  
 H319: Causes serious eye irritation  
 H320: Causes eye Irritation  
 H335: May cause respiratory irritation.  
 H336: May cause drowsiness or dizziness.  
 H412: Harmful to aquatic life with long lasting effects.
- EUH 208: Contains (name of sensitising substance). May produce an allergic reaction.
- 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

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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).