

bioguard

PRODUCT SAFETY DATA SHEETS



Class-leading hygiene, cleaning and infection-control products

HEALTHCARE

VENDING

FOOD PROCESSING

PROVEN HYGIENE SOLUTIONS

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SECTION 2.0

Product Safety Data Sheets



2.1

2.1 BIOGUARD DISINFECTANT CLEANING SOLUTION, READY TO USE

1. Identification of the substance/preparation and the company undertaking

1.1 Product Name:	Bioguard Ready to Use Disinfectant Cleaning Solution	
1.2 Company	Bioguard Ltd 108 Bunting Road Kingsthorpe Northampton NN2 6EE	Tel: 01604 710333 Fax: 01604 791587 E-mail: info@bioguardhygiene.com

2. Composition/information on ingredients

No hazardous ingredients are present at a level of 1% or more.

3. Hazards identification

Not classified as hazardous under the CHIP 3 Regulations.

4. First Aid measures

Inhalation:	Remove to fresh air.
Eye Contact:	Rinse immediately with plenty of water for at least 15 minutes, If soreness persists, seek immediate medical attention.
Skin Contact:	Rinse the affected area thoroughly with water.
Ingestion:	Do not induce vomiting. Remove product from mouth, give 1-2 glasses of milk/water to drink. Obtain medical attention if a considerable amount has been swallowed.

5. Fire-fighting measures

Not flammable. Compatible with water, foam, carbon dioxide and dry powder extinguishers.

6. Accidental release measures

Wear suitable gloves and protective clothing. Ensure the area is well ventilated. Hose away with copious amounts of water and run to foul sewer. If this would contaminate a water course or vegetation, absorb spillage with sand or earth. Observe all local requirements.

7. Handling and storage

- 7.1 Handling: Do not mix with other chemicals.
- 7.2: Storage: Store upright in original closed containers at room temperatures not exceeding 20°C. Keep containers tightly closed. Keep out of the reach of children. Do not expose to direct sunlight.

8. Exposure controls/personal protection

- Eyes: Wearing of safety glasses is recommended.
- Hand Protection: Wear solvent resistant gloves.
- Inhalation: Use in a well ventilated area. Avoid breathing vapours.

9. Physical and chemical properties

- Appearance: Straw-coloured liquid
- Odour: Slight Chemical Odour
- pH: 4.4 — 4.8
- Boiling point: > 100°C
- Flash point: N/A
- Flammability (solid/gas): N/A
- Relative Density: 1.0g/cm³
- Solubility: 100% soluble in water.

10. Stability and reactivity

Stable, do not mix with other chemicals.

11. Toxicological information

- Eyes: Splashes to the eyes may cause irritation.
- Skin: Irritation may occur on prolonged contact with the skin.
- Ingestion: May cause gastric irritation.

12. Ecological information

All surfactants are > 80% biodegradable in line with EU Directives 73/404/EEC and 73/405/EEC as amended.

13. Disposal considerations

Small spillages can be disposed of into the drainage system. Large spillages should be absorbed with sand or earth and disposed of via a licensed waste disposal contractor. Observe all local requirements.

14. Transport information

Not classified hazardous for transport by air, road or sea.

15. Regulatory Information

Not classified as hazardous under the CHIP 3 Regulations.

Hazard symbol:	None.
Risk phrases:	None.
Safety phrases:	None.

16. Other information

The above information is based on the present state of our knowledge at the time of publication. It is given in good faith and no warranty is implied with respect to the quality or specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

SECTION 2.0

Product Safety Data Sheets



2.2

2.2 BIOGUARD CONCENTRATED DISINFECTANT CLEANING SOLUTION

1. Identification of the substance/preparation and the company undertaking

1.1 Product Name:	Bioguard Concentrated Disinfectant Cleaning Solution		
1.2 Company:	Bioguard Ltd	Tel: 01604 710333	
	108 Bunting Road	Fax: 01604 791587	
	Kingsthorpe	E-mail: info@bioguardhygiene.com	
	Northampton		
	NN2 6EE		

2. Composition/information on ingredients

Product Description:	A manufactured preparation.		
Hazardous Ingredients:	Quaternary Ammonium Compounds, Isopropanol		
	CAS No.	Contents	
		< 5%	
	67-63-0	< 10%	

3. Hazards identification

Classified as non-hazardous

4. First Aid measures

Inhalation:	N/A
Eye Contact:	Rinse with excess water for at least 15 minutes. If soreness persists, seek medical attention.
Skin Contact:	Rinse with water.
Ingestion:	If swallowed do not induce vomiting. Drink 1-2 glasses of milk/ water. Seek medical assistance if a considerable amount has been swallowed.

5. Fire-fighting measures

Extinguishing Media:	Non-flammable — no special precautions required.
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6. Accidental release measures

Personal Precautions:	Wear gloves and suitable clothing.
Environmental Precautions:	Ensure that the area is well ventilated.
Spillages:	Flush to foul sewer with copious amounts of water.

7. Handling and storage

7.1 Handling:	Store at room temperature not exceeding 20°C. Should not be exposed to direct sunlight. Keep containers tightly closed.
7.2: Storage:	Keep out of reach of children.

8. Exposure controls/personal protection

Eyes:	It is recommended that eye protection is worn.
Hand Protection:	When handling the product wear gloves and suitable clothing.
Skin Protection:	Wear suitable protective clothing.
Inhalation:	N/A

9. Physical and chemical properties

Appearance:	Clear Liquid
Odour:	Slight Chemical Odour
pH:	3.8 — 4.2
Boiling point:	> 100°C
Flash point:	N/A
Flammability (solid/gas):	N/A
Relative Density:	N/A
Solubility:	100% soluble in water.

10. Stability and reactivity

Conditions to avoid:	Stable — do not mix with other chemicals.
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11. Toxicological information

Eyes:	Splashes to the eyes will cause irritation.
Skin:	Irritation may occur on prolonged contact with the skin.
Ingestion:	If swallowed it will cause gastric irritation.

12. Ecological information

Fully biodegradable, essentially non-toxic and does not accumulate.

13. Disposal considerations

Small spillages can be disposed of into the drainage system. Large spillages should be absorbed with sand or earth and disposed of via a licensed waste disposal contractor. Observe all local requirements.

14. Transport information

N/A.

15. Regulatory Information

Classified as non-hazardous under the CHIP 3 Regulations.

Hazard symbol:	N/A.
Risk phrases:	N/A
Safety phrases:	N/A

16. Other information

The above information is based on the present state of our knowledge at the time of publication. It is given in good faith and no warranty is implied with respect to the quality or specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

Product Safety Data Sheets



2.3

2.3 BIOGUARD HAND AND SURFACE WIPES

1. Identification of the substance/preparation and the company undertaking

1.1 Product Name:	Bioguard Hand & Surface Wipes	
1.2 Company:	Bioguard Ltd 108 Bunting Road Kingsthorpe Northampton NN2 6EE	Tel: 01604 710333 Fax: 01604 791587 E-mail: info@bioguardhygiene.com

2. Composition/information on ingredients

No hazardous ingredients are present at a level of 1% or more.

3. Hazards identification

Not classified as hazardous under the CHIP 3 Regulations.

4. First Aid measures

Inhalation:	Remove to fresh air.
Eye Contact:	Rinse immediately with plenty of water for at least 15 minutes, If soreness persists, seek immediate medical attention.
Skin Contact:	Rinse the affected area thoroughly with water.
Ingestion:	Do not induce vomiting. Remove product from mouth, give 1-2 glasses of milk/water to drink. Obtain medical attention if a considerable amount has been swallowed.

5. Fire-fighting measures

Not flammable. Compatible with water, foam, carbon dioxide and dry powder extinguishers.

6. Accidental release measures

Wear suitable gloves and protective clothing. Ensure the area is well ventilated. Hose away with copious amounts of water and run to foul sewer. If this would contaminate a water course or vegetation, absorb spillage with sand or earth. Observe all local requirements.

7. Handling and storage

Handling:	Do not mix with other chemicals.
Storage:	Store upright in original closed containers at room temperatures not exceeding 20°C. Keep containers tightly closed. Keep out of the reach of children. Do not expose to direct sunlight.

8. Exposure controls/personal protection

Eyes:	Wearing of safety glasses is recommended.
Hand Protection:	N/A
Inhalation:	Use in a well ventilated area. Avoid breathing vapours.

9. Physical and chemical properties

Appearance:	Straw-coloured liquid impregnated into non-woven viscose cloth
Odour:	Slight Chemical Odour
pH:	4.4 — 4.8
Boiling point:	> 100°C
Flash point:	N/A
Flammability (solid/gas):	N/A
Relative Density:	1.0g/cm ³
Solubility:	100% soluble in water.

10. Stability and reactivity

Stable, do not mix with other chemicals.

11. Toxicological information

Eyes:	Splashes to the eyes may cause irritation.
Skin:	Irritation may occur on prolonged contact with the skin.
Ingestion:	May cause gastric irritation.

12. Ecological information

All surfactants are > 80% biodegradable in line with EU Directives 73/404/EEC and 73/405/EEC as amended.

13. Disposal considerations

Small spillages can be disposed of into the drainage system. Large spillages should be absorbed with sand or earth and disposed of via a licensed waste disposal contractor. Observe all local requirements.

14. Transport information

Not classified hazardous for transport by air, road or sea.

15. Regulatory Information

Not classified as hazardous under the CHIP 3 Regulations.

Hazard symbol:	None.
Risk phrases:	None.
Safety phrases:	None.

16. Other information

The above information is based on the present state of our knowledge at the time of publication. It is given in good faith and no warranty is implied with respect to the quality or specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

Product Safety Data Sheets



2.4

2.4 BIOGUARD SURGICAL HAND GEL

1. Identification of the substance/preparation and the company undertaking

1.1 Product Name:	Bioguard Surgical Hand Gel		
1.2 Company:	Bioguard Ltd	Tel: 01604 710333	
	108 Bunting Road	Fax: 01604 791587	
	Kingsthorpe	E-mail: info@bioguardhygiene.com	
	Northampton		
	NN2 6EE		

2. Composition/information on ingredients

A manufactured preparation.

Hazardous ingredients:	Isopropanol Alcohol	
	CAS NO	Content
	76-63-0	70%

3. Hazards identification

Highly flammable, irritating to the eyes.

4. First Aid measures

Inhalation:	Remove to fresh air.
Eye Contact:	Rinse immediately with plenty of water for at least 15 minutes, If soreness persists, seek immediate medical attention.
Skin Contact:	Mild irritation may occur if gel comes in to contact with broken skin. Rinse the affected area thoroughly with water.
Ingestion:	Do not induce vomiting. Remove product from mouth, Give 1-2 glasses of milk/water to drink. Obtain medical attention if a considerable amount has been swallowed.

5. Fire-fighting measures

Extinguishing Media:	Carbon dioxide. Alcohol-resistant foam.
Exposure Hazards:	Highly flammable, can form explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back. In combustion emits toxic fumes of carbon dioxide and carbon monoxide.
Protection of Fire fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent skin contact.

6. Accidental release measures

Wear suitable gloves and protective clothing. Ensure the area is well ventilated. Avoid contact with ignition source. Allow to evaporate if safe to do so or absorb spillage with sand or earth. Observe all local requirements.

7. Handling and storage

Handling:	Do not mix with other chemicals.
Storage:	Store upright in original closed containers at room temperatures not exceeding 20°C. Keep containers tightly closed. Keep out of the reach of children. Do not expose to direct sunlight.

8. Exposure controls/personal protection

Eyes:	Wearing of safety glasses is recommended.
Skin:	No irritation or reaction expected, none required under normal conditions.
Inhalation:	Use in a well ventilated area. Avoid breathing vapours.

9. Physical and chemical properties

Appearance:	Clear Gel
Odour:	Slight Chemical Odour
pH:	N/A
Boiling point:	< 30°C
Flash point:	24°C
Flammability (solid/gas):	Highly Flammable
Relative Density:	0.75-0.80/cm ³
Solubility:	100% soluble in water.

10. Stability and reactivity

Stable, do not mix with other chemicals.

11. Toxicological information

Eyes:	Splashes to the eyes may cause irritation.
Skin:	No irritation or reaction expected.
Ingestion:	May cause gastric irritation.

12. Ecological information

All surfactants are > 80% biodegradable in line with EU Directives 73/404/EEC and 73/405/EEC as amended.

13. Disposal considerations

Small spillages can be disposed of into the drainage system. Large spillages should be absorbed with sand or earth and disposed of via a licensed waste disposal contractor. Observe all local requirements.

14. Transport information

Air/Road/Sea:	UN 1219
	Isopropanol
	Class: 3
	Packaging group: II
	Symbol: Flammable liquid

15. Regulatory Information

Not classified as hazardous under the CHIP 3 Regulations.

Hazard symbol:	Highly Flammable.
Risk phrases:	R11 Highly Flammable. R36 Irritating to the eyes.
Safety phrases:	S2 Keep out of reach of children. S16 Keep away from sources of ignition-no smoking. S7 Keep container tightly closed S25 Avoid contact with the eyes. S26 In case of contact with the eyes rinse immediately with plenty of water and seek medical advice.

16. Other information

The above information is based on the present state of our knowledge at the time of publication. It is given in good faith and no warranty is implied with respect to the quality or specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

Product Safety Data Sheets



2.5

2.5 BIOGUARD MEDICAL HAND SCRUB

1. Identification of the substance/preparation and the company undertaking

1.1 Product Name:	Bioguard Medical Hand Scrub	
1.2 Company:	Bioguard Ltd 108 Bunting Road Kingsthorpe Northampton NN2 6EE	Tel: 01604 710333 Fax: 01604 791587 E-mail: info@bioguardhygiene.com

2. Composition/information on ingredients

No hazardous ingredients are present at a level of 1% or more.

3. Hazards identification

Not classified as hazardous under the CHIP 3 Regulations.

4. First Aid measures

Inhalation:	Remove to fresh air.
Eye Contact:	Rinse immediately with plenty of water for at least 15 minutes, if soreness persists, seek immediate medical attention.
Skin Contact:	Rinse the affected area thoroughly with water.
Ingestion:	Do not induce vomiting. Remove product from mouth, give 1-2 glasses of milk/water to drink. Obtain medical attention if a considerable amount has been swallowed.

5. Fire-fighting measures

Not flammable. Compatible with water, foam, carbon dioxide and dry powder extinguishers.

6. Accidental release measures

Wear suitable gloves and protective clothing. Ensure the area is well ventilated. Hose away with copious amounts of water and run to foul sewer. If this would contaminate a water course or vegetation, absorb spillage with sand or earth. Observe all local requirements.

7. Handling and storage

- 7.1 Handling: Do not mix with other chemicals.
- 7.2 Storage: Store upright in original closed containers at room temperatures not exceeding 20°C. Keep containers tightly closed. Keep out of the reach of children. Do not expose to direct sunlight.

8. Exposure controls/personal protection

- Eyes: Wearing of safety glasses is recommended.
- Hand Protection: N/A
- Inhalation: Use in a well ventilated area. Avoid breathing vapours.

9. Physical and chemical properties

- Appearance: Clear liquid with lilac tint.
- Odour: Slight Chemical Odour
- pH: 4.4 — 4.8
- Boiling point: > 100°C
- Flash point: N/A
- Flammability (solid/gas): N/A
- Relative Density: 1.0g/cm³
- Solubility: 100% soluble in water.

10. Stability and reactivity

Stable, do not mix with other chemicals.

11. Toxicological information

- Eyes: Splashes to the eyes may cause irritation.
- Skin: Irritation may occur on prolonged contact with the skin.
- Ingestion: May cause gastric irritation.

12. Ecological information

All surfactants are > 80% biodegradable in line with EU Directives 73/404/EEC and 73/405/EEC as amended.

13. Disposal considerations

Small spillages can be disposed of into the drainage system. Large spillages should be absorbed with sand or earth and disposed of via a licensed waste disposal contractor. Observe all local requirements.

14. Transport information

Not classified hazardous for transport by air, road or sea.

15. Regulatory Information

Not classified as hazardous under the CHIP 3 Regulations.

Hazard symbol:	None.
Risk phrases:	None.
Safety phrases:	None.

16. Other information

The above information is based on the present state of our knowledge at the time of publication. It is given in good faith and no warranty is implied with respect to the quality or specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

Product Safety Data Sheets



2.6

2.6 BIOGUARD HAND AND BODY FOAMING CLEANSER

1. Identification of the substance/preparation and the company undertaking

1.1 Product Name: Bioguard Hand and Body Foaming Cleanser

1.2 Company: Bioguard Ltd
108 Bunting Road
Kingsthorpe
Northampton
NN2 6EE

Tel: 01604 710333
Fax: 01604 791587
E-mail: info@bioguardhygiene.com

2. Composition/information on ingredients

No hazardous ingredients are present at a level of 1% or more.

3. Hazards identification

Not classified as hazardous under the CHIP 3 Regulations.

4. First Aid measures

Inhalation: Remove to fresh air.
Eye Contact: Rinse immediately with plenty of water for at least 15 minutes, If soreness persists, seek immediate medical attention.
Skin Contact: Rinse the affected area thoroughly with water.
Ingestion: Do not induce vomiting. Remove product from mouth, give 1-2 glasses of milk/water to drink. Obtain medical attention if a considerable amount has been swallowed.

5. Fire-fighting measures

Not flammable. Compatible with water, foam, carbon dioxide and dry powder extinguishers.

6. Accidental release measures

Wear suitable gloves and protective clothing. Ensure the area is well ventilated. Hose away with copious amounts of water and run to foul sewer. If this would contaminate a water course or vegetation, absorb spillage with sand or earth. Observe all local requirements.

7. Handling and storage

- 7.1 Handling: Do not mix with other chemicals.
- 7.2: Storage: Store upright in original closed containers at room temperatures not exceeding 20°C. Keep containers tightly closed. Keep out of the reach of children. Do not expose to direct sunlight.

8. Exposure controls/personal protection

- Eyes: Wearing of safety glasses is recommended.
- Hand Protection: N/A
- Inhalation: Use in a well ventilated area. Avoid breathing vapours.

9. Physical and chemical properties

- Appearance: Straw-coloured liquid turning into shaving foam when dispensed through pump dispenser.
- Odour: Slight Floral Fragrance
- pH: 4.4 — 4.8
- Boiling point: > 100°C
- Flash point: N/A
- Flammability (solid/gas): N/A
- Relative Density: 1.0g/cm³
- Solubility: 100% soluble in water.

10. Stability and reactivity

Stable, do not mix with other chemicals.

11. Toxicological information

- Eyes: Splashes to the eyes may cause irritation.
- Skin: Irritation may occur on prolonged contact with the skin.
- Ingestion: May cause gastric irritation.

12. Ecological information

All surfactants are > 80% biodegradable in line with EU Directives 73/404/EEC and 73/405/EEC as amended.

13. Disposal considerations

Small spillages can be disposed of into the drainage system. Large spillages should be absorbed with sand or earth and disposed of via a licensed waste disposal contractor. Observe all local requirements.

14. Transport information

Not classified hazardous for transport by air, road or sea.

15. Regulatory Information

Not classified as hazardous under the CHIP 3 Regulations.

Hazard symbol:	None.
Risk phrases:	None.
Safety phrases:	None.

16. Other information

The above information is based on the present state of our knowledge at the time of publication. It is given in good faith and no warranty is implied with respect to the quality or specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

Product Safety Data Sheets



2.7

2.7 BIOGUARD DISINFECTANT AIR FRESHENER

1. Identification of the substance/preparation and the company undertaking

1.1 Product Name:	Disinfectant Air Freshener	
1.2 Company:	Bioguard Ltd 108 Bunting Road Kingsthorpe Northampton NN2 6EE	Tel: 01604 710333 Fax: 01604 791587 E-mail: info@bioguardhygiene.com

2. Composition/information on ingredients

No hazardous ingredients are present at a level of 1% or more.

3. Hazards identification

Not classified as hazardous under the CHIP 3 Regulations.

4. First Aid measures

Inhalation:	Remove to fresh air.
Eye Contact:	Rinse immediately with plenty of water for at least 15 minutes, if soreness persists, seek immediate medical attention.
Skin Contact:	Rinse the affected area thoroughly with water.
Ingestion:	Do not induce vomiting. Remove product from mouth, Give 1-2 glasses of milk/water to drink. Obtain medical attention if a considerable amount has been swallowed.

5. Fire-fighting measures

Not flammable. Compatible with water, foam, carbon dioxide and dry powder extinguishers.

6. Accidental release measures

Wear suitable gloves and protective clothing. Ensure the area is well ventilated. Hose away with copious amounts of water and run to foul sewer. If this would contaminate a water course or vegetation, absorb spillage with sand or earth. Observe all local requirements.

7. Handling and storage

- 7.1 Handling: Do not mix with other chemicals.
- 7.2: Storage: Store upright in original closed containers at room temperatures not exceeding 20°C. Keep containers tightly closed.
Keep out of the reach of children. Do not expose to direct sunlight.

8. Exposure controls/personal protection

- Eyes: Wearing of safety glasses is recommended.
- Hand: Protection: Wear solvent resistant gloves.
- Inhalation: Use in a well ventilated area. Avoid breathing vapours.

9. Physical and chemical properties

- Appearance: Straw-coloured liquid
- Odour: Strong Floral Fragrance
- pH: 4.4 — 4.8
- Boiling point: > 100°C
- Flash point: N/A
- Flammability (solid/gas): N/A
- Relative Density: 1.0g/cm³
- Solubility: 100% soluble in water.

10. Stability and reactivity

Stable, do not mix with other chemicals.

11. Toxicological information

- Eyes: Splashes to the eyes may cause irritation.
- Skin: Irritation may occur on prolonged contact with the skin.
- Ingestion: May cause gastric irritation.

12. Ecological information

All surfactants are > 80% biodegradable in line with EU Directives 73/404/EEC and 73/405/ EEC as amended.

13. Disposal considerations

Small spillage can be disposed of into the drainage system. Large spillages should be absorbed with sand or earth and disposed of via a licensed waste disposal contractor. Observe all local requirements.

14. Transport information

Not classified hazardous for transport by air, road or sea.

15. Regulatory Information

Not classified as hazardous under the CHIP 3 Regulations.

Hazard symbol:	None.
Risk phrases:	None.
Safety phrases:	None.

16. Other information

The above information is based on the present state of our knowledge at the time of publication. It is given in good faith and no warranty is implied with respect to the quality or specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.