



SAFETY DATA SHEET

Product Name:	IVF Disinfectant Cleaning Solution	SDS Reference	BHS002IVF
Version No. 4	Initial issue date January 01 st 2018	Revision date	21-04-2025

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier	Bioguard Disinfectant Cleaning Solution (Ready to use)		
1.2 Relevant Use(s)/misuse(s)	Surface cleaner and disinfectant Suitable for food use tested to EN1276 EN1275. Food safe & non-tainting. Meets EHO & FSA standards.		
1.3 SDS Supplier	Bioguard Hygiene Solutions Ltd.		
1.3.1 Manufacturer	Bioguard Hygiene Solutions Ltd. 64a St James Mill Rd St James Northampton NN5 5JP	Telephone: +44(0)1604 592048 Fax No: +44(0)1604 583854 Competent Person e-mail: trevor@rising-hsande.co.uk	
1.4 Emergency Telephone	+44(0)1604 592048 (office hours)		

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE MIXTURE

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Not classified

2.1.2 Additional information

See section 16 for full text of H statements.

2.2 LABELLING ELEMENTS

2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

Pictogram(s): NONE

Signal word

NONE

Hazard statement(s) NONE

Precautionary statement(s) NONE

2.3 OTHER HAZARDS NONE

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation AQUEOUS MIXTURE OF ORGANIC SUBSTANCES

Substances

Quaternary fatty amine ethoxylate,

0.5 - 2.0%



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Isotridecyl with 7meo,	0.5 - 2.0%
Cocamidopropyl betaine,	1.1 - 3.0%
Alykyl dimethyl betaine,	1.25- 3.0%
Chiaro methyl,	0.2 - 1.0%
Dihydroisothiazol,	0-4 - 2.0%
Trisodium nitriloatriacetic,	0.3 – 2.0%
Monopropylene glycol,	1.1 – 2.0%
Sodium alkyl ether sulphate,	0.2 - 1.0%
Citric acid,	0.75 - 2.0%
Sodium chloride,	0.25 – 1.0%
Aqua,	44.0 – 57%
Tocopheryl acetate,	0.25 – 2.0%
Glycerine.	1.25 - 3.0%
Alkyl di methyl benzyl ammonium chloride	0.75 – 2.0%
Polymeric Quaternary Ammonium Compounds	7.2 – 12.0%
Didecyl dimethyl Ammonium chloride	0.8 – 3.0%

4. FIRST AID MEASURES

4.1 Description of measures

Inhalation	Not a normal route of exposure.
Skin contact	Clean areas affected with soap and plenty of water. If necessary, seek medical advice
Eye contact	Wash out eye thoroughly with plenty of water until irritation subsides. If necessary, consult an eye specialist/ophthalmologist.
Ingestion	If product is swallowed, do NOT induce vomiting. If conscious, drink plenty of water. If necessary, seek medical advice.

4.2 Most important effects/symptoms None known.

4.3 Immediate/special treatment Treatment as described above.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media	To suit local surroundings (e.g. water spray, carbon dioxide, foam or chemical powder) Do not use strong water jets
5.2 Special hazards	None known.
5.3 Advice for fire fighters	Wear self-contained breathing

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions	Use suitable protective equipment (see section 8)
6.2 Environmental precautions	Do not allow to get into waste water or waterways in large quantities; if this occurs, inform the relevant water authority at once.
6.3 Methods and materials for cleaning up	Take up with absorbent material, e.g. sand, sawdust into tightly closable containers. Label container and dispose of as prescribed.
6.4 Reference to other sections	See section 8 for personal protective equipment.

7. HANDLING AND STORAGE

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling	Handle in accordance with good hygiene and safety practice.
7.2 Conditions for safe storage	Keep containers closed, cool, dry and away from heat
7.3. Specific end use(s)	Surface cleaner and disinfectant

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters	No OEL data are available. Comply with good practice.
8.2 Exposure controls	
Engineering controls	Provide adequate ventilation (e.g. local exhaust ventilation).
Personal protection	Observe normal standards for handling chemicals. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles if risk of eye contamination.
Skin protection	If necessary, impervious gloves (but consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
Respiratory protection	Respirator – not normally required.
Other protection	Protective overalls

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties	
Physical form	Liquid
Colour	Clear to Straw coloured
Odour	Characteristic
Odour threshold	Not determined
pH	6.5-7.0
Boiling pt / range	Approx. 100 °C
Melting pt / range	Approx. 0 °C
Flash point	>100
Flammability	Not applicable
Thermal decomposition	Not applicable
Evaporation rate	Not applicable
Explosion limits	Not determined
Auto-ignition temperature	Not applicable
Decomposition temp.	Not applicable
Relative density	1.01-1.025
Vapour pressure	Not applicable
Vapour density	Not applicable
Water solubility	Miscible

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9. PHYSICAL AND CHEMICAL PROPERTIES

Explosive properties	Not determined
Oxidising properties	Not determined
Partition coeff. Log _{Oct/water}	Not determined
9.2 Other information	None known.

10. STABILITY AND REACTIVITY

10.1 Reactivity	Hazardous polymerisation will not occur
10.2 Chemical stability	Stable under normal conditions of handling.
10.3 Hazardous reactions	None known.
10.4 Conditions to avoid	None known.
10.5 Incompatible material	None known.
10.6 Hazardous decomposition products	Oxides of carbon

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

Acute toxicity	LD ₅₀ rat (oral)	mg/kg	No data available
Dermal compatibility	No data available		
Mucous membrane compatibility	No data available		

12. ECOLOGICAL INFORMATION

12.1 Toxicity	LC ₅₀	Aquatic organisms	mg/l	No data available
12.2 Degradability	Not determined.			
12.3 Bioaccumulative potential	Not determined			
12.4 Mobility in soil	Not determined			
12.5 PBT/vPvB assessment	Not determined			
12.6 Other adverse effects	None known.			

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment measures

Advice on disposal	If possible, recycle to supplier or approved recycling company. If not (e.g. designated as waste), dispose of in accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.
Contaminated packaging	Treat empty containers in the same way as the product: if possible wash out thoroughly and recycle.

14. TRANSPORT INFORMATION

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14. TRANSPORT INFORMATION

14.1 United Nations number (ADR, IMDG, IATA)	Not classified
14.2 Proper shipping name (ADR, IMDG, IATA)	Not classified
14.3 Transport class(s) (ADR, IMDG, IATA)	Not classified
14.4 Packing group (ADR, IMDG, IATA)	Not classified
14.5 Environmental hazards (ADR, IMDG, IATA)	The product should NOT be marked as a marine pollutant.
14.6 Special procedures (ADR, IMDG, IATA)	Not applicable
14.7 Transport in bulk (ADR, IMDG, IATA)	Not applicable

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations	The product is classified in accordance EC Regulation 1272/2008 (CLP), Other regulatory information and provisions are not applicable for this product.
15.2 Chemical safety assessment	Not applicable

16. OTHER INFORMATION

Further information

Hazard statements referred to in sections 2/3

H319: Causes serious eye irritation.

Sources of data

Other suppliers' safety data sheets, ECHA C&L Inventory

Date of issue

02-11-2016

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.

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Safety data sheet prepared by Rising HS&E Services.