

SAFETY DATA SHEET

Based on the principals of The Globally Harmonised System of Classification and Labelling (GHS)

REV	Description	Date	C.R. No.	Orig	Chkd	Apprd
1	First Issue	12/09/2012	-	LM	-	-
2	Update to MSDS to fall in line with GHS and GOST requirements	06/03/2014	2604	PW	EB	CB
3	Update to storage conditions	01/12/2014	2751	EB	FW	CB
4	Not published	-	-	-	-	-
5	Not published	-	-	-	-	-
6	Update to correct revisions and contact details	06/06/2016	3176	EB	FW	CB
7	Multiple updates to document	27/03/2019	3809	SPM	JC	JR

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According To The Globally Harmonised System of Classification and Labelling (GHS)

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

- 1.1 Product identifier**
Product Name Bioquell HPV-BI
Product Type Biological Indicator – *Geobacillus stearothermophilus* ATCC 12980
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Identified use(s) Biological Indicator to be used only for hydrogen peroxide vapour purposes.
For professional, industrial use only
- 1.3 Details of the supplier of the Safety Data Sheet**
Company Identification
- Address Bioquell UK Limited
52 Royce Close
West Portway
Andover
Hampshire
SP10 3TS
- Telephone +44 (0) 1264 835 835
Fax +44 (0) 1264 835 836
E-Mail (competent person) Enquiries@Bioquell.com
- 1.4 Emergency telephone number**
Emergency Phone No. during office hours +44 (0) 1264 835 835 (08.00 – 17.00 GMT Monday – Thursday; 08:00-15.45 GMT Friday)

2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
Product is not classed as Hazardous according to UN DG Regulation.
Geobacillus stearothermophilus is a non-pathogenic Organism

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	C.A.S
Stainless steel carrier	N/A
Geobacillus stearothermophilus	N/A
Tyvek pouch	N/A
Pouch of desiccant	N/A

4. FIRST AID MEASURES



4.1 Description of first aid measures

If inhaled

No need for first aid is anticipated

In case of skin contact

No need for first aid is anticipated

In case of eye contact

No need for first aid is anticipated

If swallowed

No need for first aid is anticipated

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media

Ordinary combustibile material. Use fire extinguishers with class A extinguishing agents (e.g. water, foam)

Unsuitable Extinguishing Media

None known

5.2 Advice for fire-fighters

No product specific requirement

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Collect as much of the spilled material as possible.
Clean and disinfect areas that have come into direct contact with the spores using sporicidal disinfectant agent
Dispose of collected material as soon as possible according to local/state/federal regulations

6.2 Additional Information

None

7. HANDLING AND STORAGE

7.1 Conditions for safe storage, including any incompatibilities

Storage Temperature

Store at ambient temperature (2-25°C) in original packaging

Storage Conditions

Keep product away from sterilants and liquids

7.2 Specific end use(s)

Apart from the use mentioned in Section 1.2 no other specific uses are stipulated. For further information

please contact supplier

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Control parameters	
8.1.1	Exposure Limit Values	N/A
8.2	Exposure controls	
8.2.1	Appropriate engineering controls	N/A
8.2.2	Personal protection equipment	Nitrile gloves

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties	
	Appearance	N/A
	Colour	N/A
	Odour	N/A
	Molecular weight	N/A
	pH (Value)	N/A
	Melting Point (°C) / Freezing Point (°C)	N/A
	Boiling point/boiling range (°C):	N/A
	Flash Point (°C)	N/A
	Evaporation rate	N/A
	Flammability (solid, gas)	N/A
	Explosive limit ranges.	N/A
	Vapour Pressure (mm Hg)	N/A
	Vapour Density (Air=1)	N/A
	Density (g/ml)	N/A
	Solubility (Water)	N/A
	Solubility (Other)	N/A
	Partition Coefficient (n-Octanol/water)	N/A
	Auto Ignition Temperature (°C)	N/A

10. STABILITY AND REACTIVITY

10.1	Reactivity	N/A
10.2	Chemical stability	Stable
10.3	Possibility of hazardous reactions	None
10.4	Conditions to avoid	Protect from freezing Temperatures above 25°C or below 2°C during storage
10.5	Incompatible materials	None

11. TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
11.1.2	Mixtures	
	Acute toxicity	N/A
	Skin corrosion/Irritation	N/A
	Serious eye damage/eye irritation	N/A
	Corrosivity	N/A
	Sensitisation	N/A
	Repeated dose toxicity	N/A
	Carcinogenicity	N/A
	Mutagenicity	N/A
	Toxicity for reproduction	N/A
	Specific target organ toxicity – single exposure	N/A
11.2	Other information	None

12. ECOLOGICAL INFORMATION

Product contains no known ecological hazards

13. DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Dispose of used Bioquell HPV-BI's according to your facility's policy Autoclave product at 121°C for 30 minutes prior to disposal or incinerate
13.2	Additional Information	None

14. TRANSPORT INFORMATION

No UN/CFR shipping regulations applicable

15. REGULATORY INFORMATION

15.1	ACDP Categorised as Non Pathogenic	
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No
	Immediate Hazard	No
	Delayed Hazard	No

16. OTHER INFORMATION

Updates: The following sections have been updated in Revision 7 of this document:
1, 3, 5, 6, 7, 8, 9, 10, 15, 16

Training advice: All users should be trained

Additional Information: None

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