

# SAFETY DATA SHEET

ACCORDING TO 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
8	Aligned format with Ecolab.	2020-05-12	4130	DK	JC	SM

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

- 1.1 Product identifier**  
 Product Name : Bioquell HPV-BI  
 Type of Product : 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 : Bioquell UK Limited  
 Address : 52 Royce Close  
 West Portway  
 Andover  
 Hampshire, UK  
 SP10 3TS  
 Telephone : +44 (0) 1264 835 835  
 Fax : +44 (0) 1264 835 836  
 E-mail (competent person) : [Enquiries@Bioquell.com](mailto:Enquiries@Bioquell.com)
- 1.4 Emergency telephone number**  
 Emergency telephone number during office hours : +44 (0) 1264 835 835  
 (08.00 – 17.00 GMT Monday – Thursday; 08:00-15.45 GMT Friday)

### SECTION 2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture** : Product is not classed as hazardous according to UN DG Regulation, GHS regulation, or OSHA Hazard Communication Standard 29 CFR 1910.1200. *Geobacillus stearothermophilus* is a non-pathogenic organism.
- 2.2 Label elements** : None.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Mixtures**

Ingredient:	CAS-No.:
Stainless steel carrier	N/A
<i>Geobacillus stearothermophilus</i>	N/A
Tyvek pouch	N/A
Pouch of desiccant	N/A

### SECTION 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.

**SECTION 5. FIRE-FIGHTING MEASURES**

- 5.1 Extinguishing Media**  
 Suitable Extinguishing Media : Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (e.g. water, foam)  
 Unsuitable Extinguishing Media : None known
- 5.2 Special hazards arising from the substance or mixture** : None.
- 5.3 Advice for fire-fighters** : No product specific requirement.


**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions, protective equipment and emergency procedures** : Collect as much of the spilled material as possible.
- 6.2 Environmental precautions** : None.
- 6.3 Methods and material for containment and cleaning up** : 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.

**SECTION 7. HANDLING AND STORAGE**

- 7.1 Precautions for safe handling** : No specific precautions.
- 7.2 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
- 7.3 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.

**SECTION 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**  
 Eye/face protection : N/A  
 Skin protection (Hand protection/ Other) : Nitrile gloves.  

- Respiratory protection : N/A  
 Hygiene Measures : N/A

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

Appearance	: Metal disc
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
Decomposition Temperature (°C)	: N/A
Viscosity (mPa.s)	: N/A

**SECTION 10. STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	: N/A
<b>10.2 Chemical stability</b>	: Stable.
<b>10.3 Possibility of hazardous reactions</b>	: None.
<b>10.4 Conditions to avoid</b>	: Protect from freezing Temperatures above 25°C or below 2°C during storage
<b>10.5 Incompatible materials</b>	: None.
<b>10.6 Hazardous Decomposition Product(s)</b>	: N/A

**SECTION 11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**11.1.1 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

<b>11.2 Other information</b>	: None
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**SECTION 12. ECOLOGICAL INFORMATION**

Product contains no known ecological hazards.

**SECTION 13. DISPOSAL CONSIDERATIONS**

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

**SECTION 14. TRANSPORT INFORMATION**

No UN/CFR shipping regulations applicable

**SECTION 15. REGULATORY INFORMATION**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture substance or mixture**
- ADCP : Categorised as non-pathogenic.
- Fire Hazard : No
- Pressure Hazard : No
- Reactivity Hazard : No
- Immediate Hazard : No
- Delayed Hazard : No

**SECTION 16. OTHER INFORMATION**

**The following sections contain revisions or new statements** : None as of May 2020.

**Training Advice** : **All users should be trained**

**Additional Information** : None

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