

MATERIAL INFORMATION SHEET

The Bioquell BI (Biological Indicator) is not considered a hazardous substance, and so does not require a Safety Data Sheet.

To support customers with their documentation activities, information on the properties of the Bioquell BI has been provided below. As customers are familiar with the 16 section Safety Data Sheet format, the information has been structured in this manner for ease of understanding.

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

- 1.1 Product identifier**
- Product Name : Bioquell Biological Indicator
- Alternative 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 : Ecolab Ltd
- 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) : Bioquell.enquiries@ecolab.com

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

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.
10.6 Hazardous Decomposition Product(s)	: 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

11.2 Other information	: None
-------------------------------	--------

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**
- | | | |
|-------------------|---|--------------------------------|
| 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 : 1 as of April 2023 (rev 7).

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

Additional Information : None

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Ecolab gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Ecolab accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.