

MATERIAL INFORMATION SHEET

The Bioquell CI (Chemical 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 CI 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 Chemical Indicator
 Alternate Product Names : Bioquell Room-CI, Bioquell Isolator-CI, Bioquell HPV-CI
 Type of Product : Chemical Indicator
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
 Identified use(s) : To be used in conjunction with Bioquell machinery providing a visual assurance that exposure to hydrogen peroxide vapour has taken place.
 Product is for professional 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 classified as hazardous according to UN DG regulation, GHS regulation, or OSHA Hazard Communication Standard, 29 CFR 1910.1200.
- 2.2 Label elements** : None.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures	
Ingredient:	Concentration:
White card	> 99%
Indicator ink	< 1%
<i>Including:</i>	
Surfactants	< 0.008%
H ₂ O ₂ -sensitive dyes	< 0.007%

SECTION 4. FIRST AID MEASURES



4.1 Description of first aid measures

- If inhaled : Not a likely route of exposure.
- In case of skin contact : Wash skin with soap and water.
- In case of eye contact : Not a likely route of exposure.
- If swallowed : Not a likely route of exposure.

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

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA).

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

: Clean and disinfect areas that have come into direct contact with the indicator.

6.2 Environmental precautions

: None.

6.3 Methods and material for containment and cleaning up

: None.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

: Store refrigerated (2-8°C)
Keep product away from liquids

7.2 Conditions for safe storage, including any incompatibilities

- Storage Temperature : Store between 2 and 8 °C (store in fridge)
- Storage Conditions : Keep only in original container.
Keep packages closed.
Store away from direct light.

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) : Wear gloves when handling to avoid contamination of product.



Respiratory protection : N/A

Hygiene Measures : N/A

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	: White card.
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	: Stable under normal conditions of use.
10.2	Chemical stability	: Stable under recommended storage conditions. Sensitive to light.
10.3	Possibility of hazardous reactions	: None.
10.4	Conditions to avoid	: Contamination. Keep in original packaging.
10.5	Incompatible materials	: All liquids.
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 : Handle in accordance with good industrial hygiene and safety practice.
No special requirements are detailed for disposal.

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**

GHS labelling requirements : Complies.

SECTION 16. OTHER INFORMATION

The following sections contain revisions or new statements : 1 as of October 2024 (rev 7).

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

Additional Information : None

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