

# 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	17-03-2014	2604	PW	EB	CB
3	Update to storage conditions	01-12-2014	2715	EB	FW	CB
4	Update to storage conditions	06/06/2016	3176	EB	FW	CB
5	Aligned format with Ecolab.	2020-05-12	4123	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 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 and a 6-log kill has been achieved.  
 Product is for professional 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 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 <sub>2</sub> O <sub>2</sub> -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

<b>10.1 Reactivity</b>	: Stable under normal conditions of use.
<b>10.2 Chemical stability</b>	: Stable under recommended storage conditions. Sensitive to light.
<b>10.3 Possibility of hazardous reactions</b>	: None.
<b>10.4 Conditions to avoid</b>	: Protect from freezing. Contamination. Keep in original packaging.
<b>10.5 Incompatible materials</b>	: All liquids.
<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

**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** : Section 7 as of May 2020.

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

**Additional Information** : None

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