

Iscaguard CIB

Paraben Free	Thiazolinone Free	Formaldehyde Free	Preservative Free	Natural
✓		✓		

INCI declaration
Aqua, triethylene glycol, benzyl alcohol, propylene glycol, methylchloroisothiazolinone and methylisothiazolinone*

*Main components listed. For full INCI name please contact us.

Iscaguard CIB is a liquid preservative containing methyl and chloromethylisothiazolinone with benzyl alcohol. Along with water, the incorporation of glycols improves the compatibility with oil rich products, and increases the preservative efficacy by reducing the interfacial tension at the cell membrane of micro-organisms. The thiazolinone compounds offer broad spectrum activity in even the most difficult to preserve cosmetic formulations, along with additional headspace protection provided by the benzyl alcohol.

In Use Concentrations	ISCA recommendation	EU Cosmetic Regulation (max)
Leave-on	Not permitted	Not permitted
Rinse-off	0.05 – 0.2 %	0.21 %

In use concentrations vary according to the formulation type and the other ingredients present. The correct use dosage should be determined by microbial challenge testing of the finished formulation (ISCA UK offers discounted challenge testing to our customers).

Recommended Applications

Shampoo, Shower gel (Rinse-off)	Creams, lotions (Leave-on)	Hair care	Deodorants	Wet wipes	Eye care	Lip care	Oral care	Children under 3
●		●						

Use scenarios derived from evaluation of Cosmetic Regulation guidelines and preservative performance for typical formulations.



Iscaguard CIB

Formulation guidelines	
pH (effective range)	3.0 – 8.0
Solubility (Water)	Soluble
Solubility (Glycols)	Soluble
Maximum Process Temperature	40 °C
General information	Iscaguard CIB is not permitted to be used in addition with other methylisothiazoli- none containing preservatives.

Minimum Inhibitory Concentrations	
Microorganism	MIC (%)
Bacteria (gram-negative)	
Pseudomonas aeruginosa	0.20
Escherichia coli	0.20
Bacteria (gram-positive)	
Staphylococcus aureus	0.20
Bacillus sp	0.20
Micrococcus sp	0.20

Disclaimer: The information contained in this document is intended to be of assistance to users. We believe the information set forth above to be true and accurate, but such information is provided without any warranty, and shall establish no legal duty or responsibility on the part of Isca UK Ltd.

