



FICHA TÉCNICA

Preservante Sharomix

Sharomix MCI is a liquid blend of Methylchloroisothiazolinone and Methylisothiazolinone. With an active concentration of 1.5% in a water based solution, it is extremely effective in preventing the growth of bacteria, fungi and yeasts. Sharomix MCI is an ideal preservative for various personal care products with a high water content, including shampoo, hair conditioner, liquid soap, bubble bath and shower gels.

This multi-purpose blend is totally miscible with water, glycols and alcohols, and is not affected by cationic, anionic or nonionic surfactants. Sharomix MCI has a permissible usage concentration of 0.1% (15 ppm active ingredient) maximum. It maintains stability with a pH up to 8.5, and in temperatures below 50°C.

While Sharomix MCI has a wide range of applications, it is not recommended for use with leave-on products and should not be used in applications where direct contact with mucous membranes is likely, such as eye products, lipsticks, and toothpaste. The low concentrations necessary to achieve preservation make this blend a cost-effective preservative.

INCI

Methylchloroisothiazolinone,
Methylisothiazolinone

Appearance

Transparent to pale yellow liquid

Active concentration

Methylchloroisothiazolinone 1.1%
Methylisothiazolinone 0.4%

Solubility

Soluble in water and most alcohols

Formaldehyde

free Paraben free

MiniMuM InHIBItIOn COncentRAtIOnS (MIC) FOR SHAROMIX MCI

Microorganism	Type	MIC (ppm)
Burkholderia cepacia	Bacteria Gram -	1.0
Escherichia coli	Bacteria Gram -	2
Pseudomonas aeruginosa	Bacteria Gram -	3
Staphylococcus aureus	Bacteria Gram +	3
Bacillus cereus	Bacteria Gram +	2
Staphylococcus epidermidis	Bacteria Gram +	2