

SHAROMIX MT

Preservatives For Focused Protection



Sharomix MT, an aqueous solution of Methylisothiazolinone, is a global preservative certified for use in Europe, USA and Japan for rinse-off and leave-on products. Used in shampoos, sunscreens, styling and bath gels, hair conditioner, liquid soaps, body creams and milks, Sharomix MT is highly effective, and safe in concentrations up to 0.01% active.

An excellent antimicrobial preservative effective against Gram negative and Gram positive Bacteria. and compatible with anionics, cationics and nonionic surfactants, Sharomix MT remains stable over a wide pH range. In addition, Sharomix MT is not affected by the presence of proteins in the formulation.

In order to broaden the spectra of antimicrobial activity, Sharomix MT can be combined with fungicides. This easy-to-use preservative is formaldehyde free and highly stable, remaining active in temperatures up to 70°C. Sharomix MT provides robust safety and real versatility for a wide range of personal care products.

MINIMUM INHIBITION CONCENTRATIONS (MIC) FOR SHAROMIX MT

Microorganism	Type	MIC (ppm)
Burkholderia cepacia	Bacteria Gram -	7.5
Escherichia coli	Bacteria Gram -	15
Pseudomonas aeruginosa	Bacteria Gram -	30
Bacillus Cereus	Bacteria Gram +	15
Staphylococcus aureus	Bacteria Gram +	30
Staphylococcus epidermidis	Bacteria Gram +	30

INCI

Methylisothiazolinone

CAS number

2682-20-4

Appearance

Transparent to pale yellow liquid

Active concentration

9.5%

Solubility

Fully miscible with water, glycols and lower alcohols