

SHAROMIX 824 SHAROMIX 830

Broad Spectrum Preservative Blends



Sharomix 824 INCI

Methylparaben, Ethylparaben, Propylparaben, Phenoxyethanol

Appearance

Transparent, viscous liquid

Sharomix 830 INCI

A liquid blend of Methylparaben, Ethylparaben, Propylparaben, Propylene Glycol in Phenoxyethanol

Appearance

Transparent, viscous liquid

Solubility

Readily miscible with glycols and alcohols; limited solubility in water

Formaldehyde free

Halogen free

Sharomix 824 is a liquid blend, short-chained version of Phenochem containing Methylparaben, Ethylparaben and Propylparaben added to Phenoxyethanol. The total concentration of Parabens in Sharomix 824 equals that of Phenochem, making it suitable for formulators who want to avoid the use of Butylparaben and Isobutylparaben.

The blend is highly effective in preserving against fungi and bacteria while the phenoxyethanol adds to the synergy of the three Parabens into maximum efficacy.

Typical usage concentration for this blend is in the range 0.8% to 1.3%. Sharomix 824 is highly stable over a wide pH range of 3 to 8. Like other products that are Paraben-based, Sharomix 824 is heat stable.

MINIMUM INHIBITION CONCENTRATIONS (MIC) FOR SHAROMIX 824

Microorganism	Type	MIC (ppm)
Burkholderia cepacia	Bacteria Gram -	1000
Escherichia coli	Bacteria Gram -	2000
Pseudomonas aeruginosa	Bacteria Gram -	1750
Bacillus cereus	Bacteria Gram +	2000
Staphylococcus aureus	Bacteria Gram +	2500
Staphylococcus epidermidis	Bacteria Gram +	2250
Aspergillus niger	Mold	1500
Candida albicans	Yeast	1250

Sharomix 830 is a version of Sharomix 824 with the addition of Propylene Glycol to the formula.