

SHAROMIX 705, SHAROMIX 705 PLUS, SHAROMIX 706, SHAROMIX 706 PLUS

Sharon Labs Innovative Blends



Sharomix 705 and **Sharomix 706** are broad spectrum preservative blends. They were developed to meet an emerging demand for mild and environmental friendly cosmetic raw materials. The blends are based on organic acids dissolved in Benzyl alcohol.

Being liquids makes these products easy to incorporate into formulations.

As the anti microbial activity of the 2 products is based on organic acids, which are active on their undissociated form, these products will be at their best performance at slightly acidic pH.

All components of both Sharomix 705 and Sharomix 706 are listed on Ecocert's and Cosmos Standard approved lists of preservatives for cosmetics.

Sharomix 705 and Sharomix 706 are stable up to 80°C. However, prolonged exposure to elevated temperatures should be avoided.

Recommended use concentrations for these blends range from 0.6% to 1.2%.

MINIMUM INHIBITION CONCENTRATIONS (MIC) FOR SHAROMIX 705 & 706

Microorganism	Type	MIC (ppm)	
		705	706
Burkholderia cepacia	Bacteria Gram -	2250	2000
Escherichia coli	Bacteria Gram -	2500	2000
Pseudomonas aeruginosa	Bacteria Gram -	2500	2000
Bacillus cereus	Bacteria Gram +	2250	1500
Staphylococcus aureus	Bacteria Gram +	1750	1500
Aspergillus niger	Mold	2250	3000
Candida albicans	Yeast	875	1250

PRODUCT	INCI
Sharomix 705	Benzoic Acid, Sorbic Acid, Dehydroacetic Acid, Benzyl alcohol
Sharomix 705 plus	Benzoic Acid, Sorbic Acid, Dehydroacetic Acid, Natural Vitamin E, Benzyl alcohol
Sharomix 706	Dehydroacetic Acid, Benzoic Acid, Benzyl alcohol
Sharomix 706 plus	Dehydroacetic Acid, Benzoic Acid, Natural Vitamin E, Benzyl alcohol

Appearance

Transparent to yellowish liquid

Formaldehyde free

Halogen free

Paraben free

To prevent oxidation that may occur when using organic acids in a preservative system, Sharon labs developed **Sharomix 705 PLUS** and **Sharomix 706 PLUS**. These versions of the well accepted blends Sharomix 705 and 706 will enjoy the benefits of natural Vitamin E added in the blend as an antioxidant.