



## Elix-KON BZA

INCI Benzyl alcohol  
CAS 100-51-6

### SPECIFICATIONS

Appearance Clear liquid  
Odor Slightly aromatic  
Assay (%) Min. 99.5

### GENERAL INFORMATION

Elix-KON BZA is a clear, colorless liquid with a pleasant, sweet, floral odor.

Elix-KON BZA is used in a variety of personal care and cosmetic products as a solvent and preservative.

It is effective against a wide range of microorganisms, including bacteria, fungi, and yeasts, and is often used to help prevent the growth of microorganisms and extend the shelf life of the product.

As a solvent, it can help dissolve other ingredients and improve the spreadability of products.

In addition to its antimicrobial and solvent properties, Elix-KON BZA is also used as a fragrance ingredient. Due to its pleasant, sweet, floral aroma it can help to mask the smell of other ingredients.

### EFFICACY

Elix-KON BZA has a wide spectrum of action as an antimicrobial and is mainly effective against gram+ and gram- bacteria. To obtain a broad-spectrum preservative system, Elix-KON BZA is often used in combination with fungicidal ingredients like Chlorphenesin (Elix-KON CHP) or boosters like Ethylhexylglycerin (Elix-CARE EHG / Elix-CARE EHG+) or 1,2-Octanediol (Elix-CARE OD).

### BENEFITS

- Compatible for use in COSMOS formulations
- Easy to use liquid preservative active
- Very good efficacy against especially gram+ bacteria
- Approved for use in leave-on and rinse-off cosmetic formulations
- Headspace protection

### APPLICATIONS

Fragrances, Pharmaceuticals, Plant extracts

#### Cosmetics

- Skin care
- Hair care
- Oral care
- Sun care
- Toiletries
- Baby care
- Makeup

### FORMULATION & RECOMMENDATIONS

Elix-KON BZA is colorless liquid with a mild pleasant aromatic odor. It is a useful solvent due to its polarity, low toxicity, and low volatility. It is compatible in all types of formulations: anionic, non-ionic and cationic. Elix-KON BZA can be added at room or elevated temperature and at any time during the manufacturing process, used as bacteriostatic preservative. It can be used in combination with other preservatives or boosters to extend preservation.

#### Recommended use concentration

0.2 – 1.0 % (as preservative active)

#### Solubility

Moderate solubility in water and miscible in alcohols and diethyl ether. Use of Elix-KON BZA is limited to 1.0 % in the EU when used as a preservative, 0.001% and 0.01% when used as a fragrance in leave-on and rinse-off applications.

### REGULATORY

ECOCERT/COSMOS Allowed  
NATRUE Allowed

### SHELF LIFE

Under proper storage conditions the shelf life is 12 months.

