



## Elix-KON BA

INCI Benzoic acid  
CAS 65-85-0

### SPECIFICATIONS

Appearance White powder/flakes  
Assay (%) Min. 99.5

### GENERAL INFORMATION

Elix-KON BA, Benzoic acid, is a white, crystalline solid with a sweet, aromatic odor. It is a natural substance that is found in a variety of plants, including gum benzoin, cranberries, and plums. Elix-KON BA is also produced synthetically for use as a preservative active in a variety of different application areas like personal care and food.

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 to extend the shelf life of a product.

In addition to its antimicrobial properties, Elix-KON BA, Benzoic acid, is also used as a pH adjuster. It can help stabilize the pH of the product and improve its performance.

The efficacy of Elix-KON BA depends on the pH value of the cosmetic formulations (pH max. 6). The efficiency is increased by reducing the pH value. Only the free organic acid form has a preservative activity.

### BENEFITS

- It inhibits the development of microorganisms in cosmetics formulations
- It acts as a pH adjuster Allowed preservative active under the certification bodies NATRUE, COSMOS and Ecocert.

### APPLICATIONS

- Facial cleansing wipes
- Make up removing wipes
- Baby cleansing wipes
- Shampoos, hair care
- Mouthwash
- Skin care

### FORMULATION & RECOMMENDATIONS

Can be used as a standalone or in combination with other preservative agents.

Effective at pH levels below 6.0

Little impact on formulation viscosity

#### Recommended use concentration

Typically used at 0.3 - 0.5 %

#### Solubility

Very soluble in alcohol, ether and different types of oils, but poorly soluble in water

### SHELF LIFE

Under proper storage conditions the shelf life is 12 months

### REGULATORY

ECOCERT/COSMOS  
NATRUE

Allowed  
Allowed