



## Elix-KON SB

INCI Sodium benzoate  
CAS 532-32-1

### SPECIFICATIONS

Appearance White almost  
odorless, crystalline  
granules or powder  
Assay (%) 99 min

### GENERAL INFORMATION

Elix-KON SB, also known as Benzoic acid sodium salt, can be created through a chemical reaction between Sodium hydroxide with Benzoic acid. It is odorless or with a slight smell of Benzoin and a sweet astringent taste. Stable in air, Elix-KON SB can absorb moisture in open air. As a preservative it is bacteriostatic and fungistatic under acidic conditions. It can be found in powder or granular form.

### FORMULATION & RECOMMENDATIONS

Elix-KON SB is often mixed with other preservatives such as Potassium sorbate to create a synergistic effect covering a wide variety of bacteria, yeast, and molds. It is recommended that it not exceed a 1% usage level and that it is not mixed with L-Ascorbic acid or Citric acid. It is most effective at a lower pH, preferably a pH as low as 3, but does have a small amount of efficacy at a pH of 6.

### BENEFITS

- Corrosion inhibitor
- Fragrance ingredient
- Preservative (anti-fungal, and antibacterial)
- pH adjuster

### APPLICATIONS

#### Cosmetics

- Facial cleansing wipes
- Shampoo
- Baby cleansing water
- Skin care

### SHELF LIFE

#### Shelf life

24 months under proper storage conditions



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