

TECHNICAL DATA SHEET

Elix-KON SB Granular

INCI Sodium Benzoate

CAS 532-32-1



SPECIFICATIONS

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

GENERAL INFORMATION

Elix-KON SB Granular, 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 Granular 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 AND RECOMMENDATIONS

Elix-KON SB Granular 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. 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

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

SHELF LIFE

24 months under proper storage conditions