



Elix-KON PSB

INCI	Sodium benzoate, Potassium sorbate, Aqua
CAS	532-32-1, 24634-61-5, 7732-18-5

SPECIFICATIONS

Appearance	Clear yellowish brownish liquid
pH	8 - 10

GENERAL INFORMATION

Elix-KON PSB is a liquid preservative suitable for rinse-off and leave-on applications with pH up to 5.5. Its efficiency is increased by reducing the pH value. It is a broad-spectrum preservative compatible with cosmetics ingredients in general.

FORMULATION & RECOMMENDATIONS

Elix-KON PSB is a preservative which can be used in cosmetic emulsion systems such as skin care creams and lotions, in wet wipes, make-up, or in surfactant-based products such as shower gels, facial cleansers, and shampoos.

Prolonged heating periods > 80°C must be avoided. We recommend to add Elix-KON PSB in the cooling phase, in temperatures below 40 °C.

Recommended use concentration

0.50 % - 1.50 %

Solubility

Soluble in water and most polar organic solvents.

BENEFITS

- Broad spectrum efficacy
- Suitable for certified natural cosmetics
- Effective in pH up to 5.5
- Easy to use liquid ingredient
- Effective in anionic, cationic and non-ionic systems

EFFICACY

Elix-KON PSB is effective against bacteria, yeast and molds.

APPLICATIONS

Cosmetics

- Skin care
- Wet wipes
- Leave-on
- Liquid soaps
- Rinse-off
- Natural products
- Shampoo
- Sensitive

SHELF LIFE

Under proper storage conditions the shelf life is 12 months.