



## Elix-KON PDB

INCI Phenoxyethanol,  
Dehydroacetic acid, Benzoic acid

CAS 122-99-6, 520-45-6, 65-85-0

### SPECIFICATIONS

Appearance Yellow, dark yellow liquid  
Odor Characteristic odor  
Free phenol (ppm) max 10

### GENERAL INFORMATION

Elix-KON PDB is an easy-to-use liquid preservative suitable for rinse-off and leave-on applications with pH up to 6. Ideal to be applied in wet wipes.

### FORMULATION & RECOMMENDATIONS

Elix-KON PDB is stable to hydrolysis, temperature and pH. It is a preservative which can be used in cosmetic emulsion systems such as skin care creams and lotions, in wet wipes or in surfactant-based products such as shower gels, liquid soaps and shampoos.

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

**Recommended use concentration**  
0.40 % - 1.20 %

#### Solubility

Soluble in polar solvents. Limited solubility in water and non-polar solvents.

### BENEFITS

- Broad spectrum efficacy
- Suitable for sensitive applications
- Effective in pH up to 6
- Easy to use liquid ingredient
- Ideal for wet wipes
- Effective in anionic, cationic and non-ionic systems

### EFFICACY

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

### APPLICATIONS

Fragrances, Pharmaceuticals, Plant extracts

#### Cosmetics

- Skin care
- Wet wipes
- Sensitive
- Liquid soaps
- Leave-on
- Toiletries
- Rinse-off

### SHELF LIFE

Under proper storage conditions the shelf life is 24 months