



Elix-KON CMI

INCI Methylchloroisothiazolinone,
Methylisothiazolinone
CAS 26172-55-4; 2682-20-4

SPECIFICATIONS

Appearance Clear near colorless – light
yellow liquid
pH 1.7 - 4.0

GENERAL INFORMATION

Elix-KON CMI is a liquid cosmetic preservative suitable for rinse – off formulations with pH < 8. It is a broad-spectrum preservative system, effective at extremely low concentrations and fully effective in anionic, cationic and nonionic systems.

FORMULATION & RECOMMENDATIONS

Elix-KON CMI should be incorporated into the formulation at a temperature lower than 40°C. It is not recommended for products to be applied in mucous membrane.

Recommended use concentration
0.05 % - 0.10 %

Solubility
Soluble in water and in polar organic solvents.

BENEFITS

- Excellent activity against bacteria, yeasts and mold
- Easy to use liquid ingredient
- Cost-effective

EFFICACY

Elix-Kon CMI is effective against bacteria, yeasts and molds. The mechanism of action is basically through chemical reactions with the microorganisms. Due to it, when it is applied in contaminated formulations/raw materials, the loss of efficacy must be considered. Good manufacturing practices are mandatory to guarantee the efficacy of the preservative system.

APPLICATIONS

Cosmetics

- Shampoo
- Conditioners
- Rinse-off formulations
- Liquid soaps
- Shower gels

SHELF LIFE

Under proper storage conditions the shelf life is 18 months