

TECHNICAL DATA SHEET

Elix-KON CHG20

INCI Chlorhexidine Digluconate

CAS 18472-51-0



SPECIFICATIONS

Appearance	Almost colorless or pale yellowish liquid
Assay (%)	19 – 21

GENERAL INFORMATION

Elix-KON CHG20 is a disinfectant with antiseptic effect against a broad spectrum of microorganisms such as Gram-positive and Gram-negative bacteria, and also against fungi.

Elix-KON CHG20 is a topical antimicrobial agent and disinfectant used to treat fungus, bacteria and other skin infections. In cosmetic formulations it is mainly used as an antiseptic, an oral care agent and/or preservative active.

As a biocidal agent, Elix-KON CHG20 helps cleaning the skin and eliminating odors by destroying the growth of microorganisms.

Elix-KON CHG20 is widely used in different oral care applications due to its ability to eliminate plaque formation.

As an ingredient with antibacterial properties, Elix-KON CHG20 is also a very effective preservative that protects a cosmetic formulation from contamination. In deodorants it can play an active role in reducing the proliferation of bacteria responsible for body odor.

Elix-KON CHG20 can be found in various personal care products such as mouthwash, hair dye, foundation, anti-aging treatment, facial moisturizer, sunscreen, eye make-up, acne treatment, exfoliant/scrub, cleanser and after shave.

FORMULATION AND RECOMMENDATIONS

Elix-KON CHG20 can be used as a preservative or antimicrobial agent in cosmetic products at concentrations up to 0.3 % as established by the European Cosmetics Directive.

Recommended use concentration
(as Elix-KON CHG20) 0.3% max.

Solubility

Fully soluble in water

BENEFITS

- Polyvalent preservative
- Easy to use liquid
- High efficacy
- Can be used for mucous membranes application areas

APPLICATIONS

Fragrances
Pharmaceuticals
Natural extracts

Cosmetics

- Skin care
- Oral care
- Toiletries
- Hair care
- Makeup
- Deodorants
- Baby care
- Sun care

SHELF LIFE

36 months under proper storage conditions