

## TECHNICAL DATA SHEET

## Elix-CARE EHG+

INCI Ethylhexylglycerin, Tocopherol

CAS 70445-33-9, 10191-41-0



## SPECIFICATIONS

Appearance	Clear colorless liquid
Odor	Characteristic odor to odor free
Assay (%)	99.0 min.
Tocopherol (%)	0.1 max.

## GENERAL INFORMATION

Elix-CARE EHG+ is a globally approved and multifunctional cosmetic ingredient. Additionally, it is a non-irritating ingredient and can be used safely for all kinds of skin types and in many different application areas.

As an emollient and mild humectant, Elix-CARE EHG+ is able to improve the skin feeling of cosmetic formulations.

As a well-known deodorant active ingredient, it inhibits the growth of odor-causing bacteria. As an active with antimicrobial boosting capacities,

Elix CARE EHG+ will enhance the microbiological efficacy of different traditional preservative ingredients/systems and other cosmetic ingredients.

Elix-CARE EHG+ is stabilized with a small amount of Tocopherol.

## FORMULATION AND RECOMMENDATIONS

It's a multifunctional ingredient: moisturizer and preservative booster which can be used in cosmetic emulsion systems such as skin care creams and lotions, in wet wipes, deodorants or in surfactant-based products such as shower gels, facial cleansers, and shampoos.

**Recommended use concentration**

0.1% - 1.0%

**Solubility**

Low solubility in water but fairly soluble in alcohols, glycols and mineral oils

## EFFICACY

Elix-CARE EHG+ is a multifunctional ingredient with good antimicrobial properties. It is one of the strongest boosters for many different preservative actives like Elix-KON PHE (phenoxyethanol) and Elix-KON BZA (benzyl alcohol) causing a broad-spectrum efficacy against bacteria, yeast and molds.

The use of Elix-CARE EHG+ can reduce significantly the concentration of preservatives needed in the final formulation.

Additionally, due to its ability to inhibit the growth of odor-causing bacteria, Elix-CARE EHG+ can be used as a deodorant active ingredient

## BENEFITS

- Excellent booster for different preservative active ingredients
- Improves moisturizing efficiency
- Non skin sensitizer or irritating
- Excellent sensory profile
- Highest purity and more or less odorless
- Easy to use liquid ingredient with global approvals
- Extremely good temperature and pH stability

## APPLICATIONS

**Fragrances**  
**Pharmaceuticals**  
**Plants extracts**

### **Cosmetics**

- Skin care
- Sun care
- Deodorants
- Makeup
- Oral care
- Hair care
- Toiletries
- Baby care
- Wet wipes (including facial masks)

## SHELF LIFE

36 months under proper storage conditions