



Elix-CARE EHG

INCI Ethylhexylglycerin
CAS 70445-33-9

SPECIFICATIONS

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

GENERAL INFORMATION

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

FORMULATION & 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

BENEFITS

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

EFFICACY

Elix-CARE EHG, Ethylhexylglycerin, 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.

APPLICATIONS

Fragrances, Pharmaceuticals, Plant extracts

Cosmetics

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

SHELF LIFE

Under proper storage conditions the shelf life is 36 months

