

TECHNICAL DATA SHEET

Elix-CARE EHG

INCI Ethylhexylglycerin

CAS 70445-33-9



SPECIFICATIONS

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

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.

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 shampoo.

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 (phenoxy-ethanol) 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, it can be used as deodorant active ingredient.

BENEFITS

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

APPLICATIONS

Fragrances, plant extracts and pharmaceuticals**Cosmetics**

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

SHELF LIFE

36 months under proper storage conditions.