

Gracefruit Ltd
146 Glasgow Road, Longcroft, Stirlingshire, FK4 1QL
www.gracefruit.com
VAT Number: 935 8115 14
EORI Number: GB9358 1151 4000
Company Number: SC374368



FACT SHEET
Gfphen PCG

Description: GFphen PCG is a globally-approved, paraben-free, and formaldehyde-free liquid preservative system which consists of Phenoxyethanol in an emollient base of Caprylyl Glycol. The combination of these ingredients provides optimized protection against microbial growth while imparting exceptional feel to the finished product.

INCI Name: Phenoxyethanol and Caprylyl Glycol

Use: 0.5 - 1.5%.

Properties: Along with providing broad spectrum preservation against bacteria, yeast and mould, the presence of Caprylyl Glycol imparts an exceptional feel to the finished formulation. There are no pH restrictions and it is compatible with most raw materials.

Applications: creams, lotions, sunscreens, colour cosmetics, body washes, and shampoos.

Sample Recipe: *Soothing Cucumber Serum*

40% Gfsoft 767
30% Spring Water
22% olive Squalane
5% Cucumber Infusion
1% Gracenotes Natural Cucumber Fragrance
1% Hyaluronic Acid
1% Gfphen PCG

Directions

1. In a heat-safe container, heat spring water to 70C and hold the temperature for about 10 minutes.
2. Then add the hyaluronic acid and whisk well to incorporate.
3. In a separate bowl, combine the GFsoft 767, Olive Squalane, and Cucumber Infusion and stir well.
4. Add the Gracenotes Cucumber Fragrance to the water/hyaluronic acid mixture.
5. Now combine the water/hyaluronic acid/gracenotes cucumber fragrance mixture with the GFsoft/squalane mixture and whisk well to blend.
6. Add the GFphen PCG, stir well.

This sample recipe is provided as a guide. Gracefruit Limited makes no guarantees with regard to the outcome or effectiveness of any of our formulations. Gracefruit Limited accepts no responsibility for the mishandling or misuse of any of our products. It is the customer's responsibility to test compatibility before proceeding with manufacture using our raw materials and/or packaging materials. Gracefruit Limited cannot be held liable for products made using our formulas, raw materials, or packaging materials.

