



SELF-PRESERVING GENTLE FOAMING GEL 6760

Formula

A	<ul style="list-style-type: none">• LIPACIDE C8G (<i>Capryloyl glycine - SEPPIC</i>)• Sodium hydroxyde 24%• Aqua/Water	2.00 % 1.48 % 20.00 %
B	<ul style="list-style-type: none">• CAPIGEL 98 (<i>Acrylates Copolymer - SEPPIC</i>)• Aqua/Water	3.00 % 10.00 %
C	<ul style="list-style-type: none">• ORONAL LCG (<i>Sodium coceth-sulfate / PEG-40 glyceryl cocoate - SEPPIC</i>)• PROTEOL OAT (<i>Sodium lauroyl OAT aminoacids -SEPPIC</i>)• ORAMIDE DL200AF (<i>Cocamide DEA - SEPPIC</i>)• Fragrance• Glycerin • Aqua/Water• Sodium Hydroxyde• Lactic acid	14.00 % 4.00 % 3.00 % 0.10 % 5.00 % QS100% qs pH=9.5 qs pH=5.3

Procedure

Solubilise the LIPACIDE C8G into the hot water (90°C) with the sodium hydroxide. The solubilisation is instantaneous. Add the constituents of C into this solution, then add the prediluted CAPIGEL 98. Make up the quantity using the water then adjust the pH by heavily alkalining the mixture in the first place to obtain clearness and thickness in the formulation due to the CAPIGEL 98 and by secondly reacidifying the mixture to obtain a formula with a pH of approximately 5.3.

Comments

LIPACIDE C8G A glycine biovector which protects skin and has an antimicrobial effect in cosmetic formulations.

CAPIGEL 98 CAPIGEL 98 is particularly interesting for thickening slightly concentrated systems such as foaming face products, baby products and personal hygiene gels. When combined with ORAMIDE DL200AF, it is possible to obtain thickness at pH5 whilst preserving the clearness (see the procedure above).

ORONAL LCG A very mild surfactant which is non-irritant for the mucous membranes and therefore suitable for delicate skins.



PROTEOL OAT

An oat aminoacid based surfactant which produces a very mild and creamy foam.

Characteristics

Appearance	clear to opalescent gel
Viscosity	500 cps BROOKFIELD LV - mobile 2 - 6 rpm
pH	Approximately 5.3
Stability	stable at room temperature 40°C/+4°C

Assessment

Foaming capacity: 483ml - 94% stability in hard water - 1/10 - procedure 57CO001

Notes

Fragrance : AMETHYSTE PN002741 (QUEST)

6760 - SEPPIC- A9903

Since the proposed formulation has not undergone a toxicological study, the handling and use of the proposed products are given as an indication only and in no way bind SEPPIC's responsibility.