



Aspect: Fluid Cream Gel
Packaging: pump

A detoxifying and purifying light formula allowing to reduce sebum excess.

PHLOROGINE™ BG PF, an algae extract, allows to decrease the sebum excess (-29%) and to reduce the skin shine (benefit perceived by 86% of the volunteers, *in vivo* tested).

LANOL™ 2681, a natural emollient, forms a protective film on the skin surface.

The powder polymers SEPIMAX ZEN™ and SEPINOV™ EMT 10 stabilizes the cream gel.

SEPIMAX ZEN™ provides maximum resistance to electrolytes.

SEPINOV™ EMT 10 smooths the texture and gives a glide-on and light feeling during the application.

Stop shiny effect and restore the purity of your skin, thanks to this light fluid!



EU07414

Formula

| Formula | | |
|---------|--|----------------------------|
| A | Aqua / Water Glycerin Triethanolamine (12%) | qs 100% 1.50% 0.020% |
| B | LANOL™ 2681 SEPIMAX ZEN™ SEPINOV™ EMT 10 | 7.00% 1.00% 0.50% |
| C | PHLOROGINE™ BG PF Phenoxyethanol and Ethylhexylglycerin Phenylpropanol and Propanediol and Caprylyl Glycol and Tocopherol | 1.00% 1.00% 0.50% |

Procedure

Propeller - TRIMIX - 5 Kg

Weigh and put the ingredients of phase A in the tank. In a beaker, disperse the powder polymers in LANOL™ 2681. Then, add phase B to phase A and mix (2500 rpm, 20 minutes). Add the ingredients of phase C and homogenize. Adjust pH if necessary.

Characteristics

| | |
|---|-----------------------------------|
| Appearance | Fluid Cream-gel |
| pH | 5.6 |
| Viscosity 1M at RT | 37 000 mPa.s BROOKFIELD S4S6 |
| Viscosity 1M at 45°C | 29 100 mPa.s BROOKFIELD S4S6 |
| Viscosity recovery at RT (after 1M at 45°C) | 30 900 mPa.s BROOKFIELD S4S6 |
| Stability* | Stable after 1M at RT and at 45°C |

Raw materials from SEPPIC

PHLOROGINE™ BG PF

Aqua/Water/Butylene Glycol/Laminaria Saccharina Extract
Preservative free water soluble active from brown algae which helps to regulate excess of sebum.

LANOL™ 2681

Coco-Caprylate/ Caprate

Emollient agent from vegetable origin. Cosmos and Ecocert approved.

SEPIMAX ZEN™

Polyacrylate Crosspolymer-6

Powder polymer with a MAXIMUM resistance to electrolytes thanks to its high associative behavior. Stable from pH 2 to 8, it enables the creation of formulas with a specific skin feeling, included foaming formulas: rich, velvety and elegant. It is now possible to formulate transparent aqueous gels, cream-gels and emulsions with any kind of active ingredients and to achieve ZEN.

SEPINOV™ EMT 10

Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer

Powder polymer «2-in-1», thickening in a wide pH range (3-12), ready to use, with an excellent stabilizing properties at low level and in presence of a high % of oily phase. Sensory profile: "satin" touch, fresh, glide-on.

Other raw materials...

- Schülke & Mayr

Phenoxyethanol and Ethylhexylglycerin : **EUXYL PE 9010**

Phenylpropanol and Propanediol and Caprylyl Glycol and Tocopherol : **SENSIVA PA 40**

- Autres fournisseurs

Triethanolamine : **TEA 12% (AIR PRODUCT)**