

EU06936G



Overview

Blue Geltrap[™] emulsion Packaging: tube

• New galenic form enriched with water: Geltrap™ emulsions

• Cold process under gentle stirring gives novel textures with Easynov™.

 Geltrap™ provides an easy method of formulating with solvents used in cosmetics such as ethanol, glycols, glycerine & sorbitol
Fresh touch contributed by 15% of alcohol.



EU06936G - 0607

GELTRAP[™] EMULSION BODY CARE "CHILLED CUSHION" TEXTURE

Formula

Α	Aqua/Water	Up to 100 %
	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0,20 %
	TEA	0,80 %
В	SIMULGEL [™] 600	1,30 %
	Glycerin	3,00 %
	Colorant/colour	Up to
	Alcohol 95°	15,00 %
С	LANOL [™] 99	4,00 %
	EASYNOV TM	2,50 %
	Parfum/Fragrance	0,60 %
	Ethylhexyl Glycerin	0,20 %
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Procedure

(DUMEK - Rotor Stator - 2kg)

Weigh water in the main tank then wet the PEMULEN, add TEA and homogenize at 700 rpm (rotor stator). Add successively ingredients in B while homogenizing at 700 rpm between each addition. Prepare separately the fatty phase C and add it in one step onto the gel, then mix for 20' with a planetary. After 5', start the homogenizer (moderate speed) for 5' to get thin emulsion.

Characteristics

Appearance
Type of emulsion
Viscosity at RT after 1 month
Viscosity at 45°C after 1 month
Recovery of viscosity at RT
(after1month at 45°C)
Stability

ice blue emulsion W/O (no conductivity – not water-soluble) 117,000 mPa.s RV7 BROOKFIELD sp. 5 98,000 mPa.s RV7 BROOKFIELD sp. 5 117,000 mPa.s RV7 BROOKFIELD sp. 5

Stable at room temperature and 45°C Stable after one month freeze-thaw cycles -5°C/+40°C Stable when centrifuged at RT. - 20' - 3000 rpm

Raw materials from SEPPIC

EASYNOVTM

Octyldodecanol & Octyldodecyl Xyloside & PEG30 Dipolyhydroxystearate

Liquid lipophilic emulsifier. EasynovTM allows to realize emulsions through a cold process with gentle stirring. These GELTRAPTM emulsions have an internal gelled aqueous phase which is enriched in water. This novel formulation form provides surprising textures, giving to the formula freshness and cushion effect.

SIMULGEL™ 600

Acrylamide/Sodium Acryloyldimethyltaurate Copolymer and Isohexadecane and Polysorbate 80

Thickening and emulsifying agent in the form of liquid. Very easy to use (neitiher predispersion nor neutralization). Within GELTRAPTM emulsions, it easily thickens the internal aqueous phase and makes the emulsions feasible and stable (coalescence of the water droplets reduced).

LANOL[™] 99

Isononyl Isononanoate

Silky ester

Other raw materials...

- Fragrance: GIABAZ G91.21544 (ROBERTET)
- Coloring agent: w6010 (WACKKHER)
- Acrylates/C10-30 Alkyl Acrylate Crosspolymer: PEMULEN TR2 (NOVEON)

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