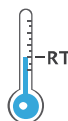


DESIGN'HAIR
SHIMMERING RADIANT ORCHID GELTRAP



Geltrap



[Graph]
[Care]

- Violet and compact gel with glitters in suspension.
- Packaging : jar
- For a Refined & Shimmering hairstyle, adopt DESIGN'HAIR !
- GELTRAP™ concept with EASYNOV™ and SEPIPLUS™ 400 gives an unrivaled freshness to the formula.
- AQUAXYL™ & OLIGOGELINE PF combination moisturizes hair.



EU07279 - 1402

Formula

Formula		
A	Aqua / Water	Qsp 100%
	VP/VA Copolymer	4.00%
	SEPIPLUS™ 400	2.00%
	AQUAXYL™	1.00%
	OLIGOGELINE PF	1.00%
	Glycerin	6.00%
B	Disodium EDTA	0.05%
	Triethanolamine (50%)	0.10%
	EASYNOV™	3.00%
	Virgin Coconut Milk Oil (Coconut Oil)	4.00%
	Cyclopentasiloxane & Cyclohexasiloxane	1.00%
	Parfum / Fragrance	0.20%
	Phenoxyethanol & Ethylhexylglycerin	1.00%
	Colorant	1.33%
Calcium Aluminium Borosilicate & Silica & Titanium Dioxide & Tin Oxide	0.50%	
Glitters	0.50%	

Procedure

Pilot – TRIMIX 7kg

Introduce Water and VP/VA Copolymer, mix at 500 rpm. Add Sepiplus 400 and stir under vacuum at 3000 rpm during 10 min. Introduce Aquaxyl, Oligogeline PF and Glycerin, blend at 3000 rpm. Add the other ingredients of phase A, mix at 3000 rpm. Weigh ingredients of phase B in a 2L beaker and stir until homogeneous. Add it in the Trimix and mix (200 rpm, then 94rpm during 10 min).

Characteristics

Appearance	Violet and compact gel with suspended glitters
pH	
Viscosity 1M at RT	54 600 mPa.S Brookfield S4S6
Viscosity 1M at 45° C	62500 mPa.S Brookfield S3S6
Viscosity recovery at RT (after 1M at 45° C)	53 000 mPa.S Brookfield S4S6
Stability*	M1 at RT, 45° C Stable after 1M cycles (-5° C/+40° C)

Raw materials from SEPPIC

SEPIPLUS™ 400

Polyacrylate-13 and Polyisobutene and Polysorbate 20

Thickening agent in liquid form ready to use (no predispersion or neutralization). SEPIPLUS™ 400 gives an improved electrolyte resistance. It also allows a good pick-up and guarantees a good spreadability and is compatible with a wide range of actives over a wide pH range (3 to 12).

AQUAXYL™

Xylitylglucoside and Anhydroxylitol and Xylitol

AQUAXYL™ moisturizes and strengthens the hair: maintains moisture deep in the hair, protects the integrity of hair fibers. Moreover, it improves the foam quality and reduces irritation induced by some surfactants (LESNa...). It's mechanism of action has been validated by cosmetogenomics. Ecocert and Natrue approved.

OLIGOGELINE PF

Chondrus Crispus Extract

Filmogen active extracted from red alga to protect and hydrate the skin and the hair. Sensorial active "Silicone Plant" (in vivo study).

EASYNOV™

Octyldodecanol and Octyldodecyl Xyloside and PEG-30 Dipolyhydroxystearate

Liquid lipophilic emulsifier. EASYNOV™ realizes emulsions with an internal gelled aqueous phase extra-rich in water by a cold process with gentle stirring: the GELTRAP™ emulsions. This novel formulation form offers surprising textures, marrying freshness and cushion effect.

Other raw materials...

- VP/VA Copolymer : **LUVISKOL VA 64W (BASF)**
- Glycerin : **GLYCERINE (OLEON)**
- Disodium EDTA : **EDTA DISODIQUE (BASF)**
- Virgin Coconut Milk Oil (Coconut Oil) : **HUILE VIERGE DE LAIT DE COCO (PACIFIQUE SUD)**
- Cyclopentasiloxane & Cyclohexasiloxane : **XM PMX 345 (DOW CORNING/UNNIVAR)**
- Fragrance : **COLA DRINK (TECHNICO FLOR)**
- Phenoxyethanol & Ethylhexylglycerin : **EUXYL PE9010 (SCHULKE & MAYR)**
- C.I. 60725 1% : **UNIVERT VIOLET K7014-J (SENSIENT LCW)**
- Calcium Aluminium Borosilicate & Silica & Titanium Dioxide & Tin Oxide : **RONASTAR NOBLE SPARKS (MERCK)**
- Glitter : **GLITTER C SILVER 150mm (REIKO)**