

HAIR HAPPINESS MIST LEAVE-ON DETANGLING AND PROTECTIVE CARE


**O/W
Emulsion**

[Care]

- White Liquid
- Packaging : Spray
- The silicone-free HH revolution! An ultra fluid mist to detangle, condition and protect your hair without weighing it down.
- Heat protection with SEPICAP™ MP.
- ALARIANE AD is perfect for unruly hair as it protects the hair fiber from external aggressions. Sizzle free!
- SIMULGREEN™ 18-2 stabilizes all types of vegetable oils and brings a light texture? Final result: weightless nourishment.
- SIMULGEL™ I-NS 100 creates a light and spreadable emulsion


EU07289 - 1401

Formula

A	Aqua / Water	Qs 100%
B	SIMULGREEN™ 18-2 Prunus Amygdalus Dulcis (Sweet Almond) Oil Phenoxyethanol & Ethylhexylglycerin	0.80% 2.00% 1.00%
C	SIMULGEL™ I-NS 100	1.20%
D	Cetrimonium Chloride	0.50%
E	ALARIANE AD SEPICAP™ MP Fragrance Lactic Acid 12%	1.00% 1.00% 0.15% Qs pH = 5.5

Procedure

(TRIMIX rotor stator – 6kg)

Heat phase A (75° C) and melt phase B (75° C) until it's homogeneous. Add phase C into phase B, homogenize and put it into the hot water (75° C). Mix with a rotor stator during 8min at 3000 rpm. Then, decrease the temperature to 50° C with moderate agitation. Then slowly add (3min at 3000 rpm) phase D under agitation. Mix for 5min at 200 rpm. Cool down at room temperature at 200 rpm and add phase E (rotor-stator 2min. 3000 rpm). Continue mixing for 15 minutes. Adjust pH to 5.5 with lactic acid.

Characteristics

Appearance	White Liquid
pH	5.8
Viscosity 1M at RT	5240 mPa.s S3 S6
Viscosity 1M at 45° C	140 mPa.s S2 S6
Viscosity recovery at RT (after 1M at 45° C)	1920 mPa.s S2 S6
Stability*	Stable at M1 at 45° C, 4° C and RT

Raw materials from SEPPIC

SIMULGREEN™ 18-2

Hydroxystearyl Alcohol and Hydroxystearyl Glucoside

Emulsifier from vegetable origin with a structure designed to respect the environment and provides versatile emulsifying properties: allows formulation over a broad pH range (3-10), stabilizes all nature of oils, efficient from 2% especially with vegetable oils and provides good resistance to electrolytes/actives. Its sensory profile is exceptional: no soapy effect regardless of the oily phase and an « invisible » presence with a nude skin sensation during application and a lasting softness. It provides 8 hours moisturizing long lasting effect. SIMULGREEN 18-2 wins 2013 China Personal Care&Cosmetics Innovation Awards. Ecocert and Natrue approved

SIMULGEL™ I-NS 100

Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer and Isohexadecane and Polysorbate 60

Pre-neutralized liquid inverse latex polymer, ready-for-use. Thickening agent which stabilizes all types of oily phases. It can be used in a wide range of pH (3 to 12), and for the development of all types of consistencies: sprays, ultra-fluid to thick ones. It gives to the formulas a fresh and melting texture.

SEPICAP™ MP

Sodium Cocoyl Amino Acids and Potassium Dimethicone PEG-7 Panthenyl Phosphate

Thermo active multiprotector for stressed and sun-damaged hair, blow-drying, pollution or chemical treatments, biovector of amino acids and panthenol, SEPICAP™ MP contributes to combat the harmful effects of oxidative stress. It simultaneously protects the integrity of the hair shaft and root as well as it smoothes scales.

ALARIANE AD

Aqua/water/butylene glycol/ algae extract

Water soluble active from brown alga Alaria esculenta to protect and improve hair appearance

Other raw materials...

- Prunus Amygdalus Dulcis (Sweet Almond) Oil : **HUILE D'AMANDE DOUCE (BERTIN)**
- Phenoxyethanol & Ethylhexylglycerin : **EUXYL PE9010 (SCHÜLKE & MAYR)**
- Cetrimonium Chloride : **ARQUAD 16-29 (AKZO NOBEL)**
- Fragrance : **PANTHEON LIVELY (TECHNICO FLOR)**