



O/W
Emulsion



- Fluid emulsion
- Packaging : pump bottle
- EASY-TECHNO-GREEN formula for clever hydration
- AQUAXYL™ for a global hydration:
 - hyaluronic acid booster
 - Anti-dehydration shield
 - Skin barrier organization protection
- Enhanced efficacy *in vivo* with SIMULGREEN™ 18-2 due to liquid crystals
- SOLAGUM™ AX creates a moisturizing veil
- 98% natural origin ingredients



EU07264 - 1303

Formula

A	Prunus Amygdalus Dulcis (Sweet Almond) Oil LANOL™ 2681 Dicaprylyl Carbonate	8.00% 5.00% 2.00%
B	SOLAGUM™ AX	1.50%
C	SIMULGREEN™ 18-2 Aqua / Water	3.00% Up to 100%
D	AQUAXYL™ Dehydroacetic Acid and Benzyl Alcohol Dehydroacetic Acid Parfum / Fragrance	3.00% 0.80% 0.20% 0.10%
E	NaOH	Up to pH 5–5.5

Procedure (Lab trial)

Heat the phase A up to 75°C. Then, add B. Heat the phase C. Add C into (A+B). Emulsify in Silverson. Cool down slowly under anchor. Before the end of the cooling, add the phase D. Adjust pH to 5–5.5 with NaOH.

Characteristics

Appearance	fluid emulsion
pH	4.8
Viscosity 1M at RT	16 800 mPa.s Brookfield M3V6
Viscosity 1M at 45° C	19 000 mPa.s Brookfield M4V6
Viscosity recovery at RT (after 1M at 45° C)	25 000 mPa.s Brookfield M4V6
Stability*	1M à RT, +45° C

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.

LANOL™ 2681

Coco-Caprylate/ Caprate

Emollient agent from vegetable origin. Ecocert approved.

SOLAGUM™ AX

Acacia Senegal Gum and Xanthan Gum

Combination of thickening polymers. Eco-friendly product developed in accordance with sustainable development. Can be used with hot or cold process. Ecocert and Natrue approved.

AQUAXYL™

Xylitylglucoside and Anhydroxylitol and Xylitol

AQUAXYL™ moisturizes and restructures the skin by harmonizing the hydric flow of the skin. Water reserves are instantly boosted, water circulation is improved in all skin layers and water loss is reduced (in vitro and in vivo tests prove this efficacy). It's mechanism of action has been validated by cosmetogenomics. Ecocert and Natrue approved.

Other raw materials...

- Prunus Amygdalus Dulcis (Sweet Almond) Oil : **Huile d'amandes douces (BERTIN)**
- Dicaprylyl Carbonate : **Cetiol CC (COGNIS)**
- Dehydroacetic Acid and Benzyl Alcohol : **GEOGARD 221 (LONZA)**
- Dehydroacetic Acid : **GEOGARD 111A (LONZA)**
- Parfum / Fragrance : **Parfum Tonic (MANE)**