

SEPPIC

EU07246

SEPPIC FLUID UNIVERSAL CHASSIS

ApoTHi'CARE



O/W
Emulsion

- Fluid white emulsion
- Packaging : Pump bottle

- Designed in FRANCE.
- The wait is over... Add actives with ease—robust stability guaranteed. Mission impossible with the duo SEPIMAX™ ZEN + MONTANOV™ L becomes possible.
- SEPIMAX™ ZEN challenges to stabilize ApoTHi'CARE chassis whatever viscosity
- Light and quick absorbing emulsion thanks to MONTANOV™ L.
- SOLAGUM™ AX-SEPIMAX™ ZEN association helps to stabilize fluid formulas rich in electrolyte.
- A modern, fluid and smooth texture.
- Easy to use.



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Formula

A	MONTANOV™ L SIMULSOL™ 165 Caprylic Capric Triglyceride Neopentyl Glycol Diethylhexanoate Isostearyl Isostearate Dimethicone	1.00% 1.00% 4.00% 4.00% 1.50% 1.00%
B	Aqua / Water Glycerin Disodium EDTA Sodium Hydroxide 12%	Qsp 100% 5.00% 0.10% Qs pH=5.5-6
C	SEPIMAX™ ZEN SOLAGUM™ AX	1.00% 0.50%
D	Phenoxyethanol & Ethylhexylglycerin Parfum / Fragrance	1.00% 0.03%

Procedure (Trimix 7 kg)

Heat the water & the glycerin at 75° C and introduce EDTA & NaOH at 12%.Weight & heat the fat phase at 75° C.
Then add phase C into phase B and homogenize with a spatula.
Emulsify B+C into A (rotor-stator).
Then, cool down until 30° C.
Add phase D & cool down until 20° C

Characteristics

Appearance	Fluid white emulsion
pH	6.0
Viscosity 1M at RT	30,100 cps S4V6
Viscosity 1M at 45° C	19,900 cPs S4V6
Viscosity recovery at RT (after 1M at 45°C)	27,900 cPs S4V6
Stability*	1M at RT, 45° C, Cycles -5° C/+40° C

Raw materials from SEPPIC

MONTANOV™ L

C14-22 Alcohols & C12-20 Alkyl Glucoside

Glucolipidemulsifier in harmony with nature. MONTANOV™ L is really useful to synthesize fluid formulas no matter the nature or the quantity of fatty phase used. It allows to stabilize emulsions, and has a strong moisturizing power since it promotes liquid crystals which prevent the skin from dehydration (efficacy proven in vivo).

SIMULSOL™ 165

PEG-100 Stearate & Glyceryl Stearate

Non-ionic self-emulsifying base . Provides formation of O/W emulsions with various consistencies

SEPIMAX™ ZEN

Polyacrylate Crosspolymer-6

Powder polymer with a MAXIMUM resistance to electrolytes thanks to its high associative behaviour. Stable from pH 2 to 8, it enables the creation of formulas with a specific skin feeling: 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.

SOLAGUM™ AX

Acacia Senegal Gum & Xanthan Gum

Combination of thickening polymers from vegetable origin validated by ECOCERT®. Eco-friendly product developed in accordance with sustainable development. Can be used with hot or cold process.

Other raw materials...

- Caprylic Capric Triglycerides : **Triglycerides 5545 (Stearinerie Dubois)**
- Neopentyl Glycol Diethylhexanoate : **DUB DONPG (Stearinerie Dubois)**
- Isostearyl Isostearate : **DUB ISIS (Stearinerie Dubois)**
- Dimethicone : **DC 200/350 (Dow Corning / Univar)**
- Disodium EDTA : **EDTA Disodique (BASF)**
- Phenoxyethanol & Ethylhexylglycerin : **Euxyl PE9010 (SCHULKE & MAYR)**
- Fragrance : **Parfum Neutrophile (Expressions parfumées)**

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* Our stability protocols are available at your request.

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