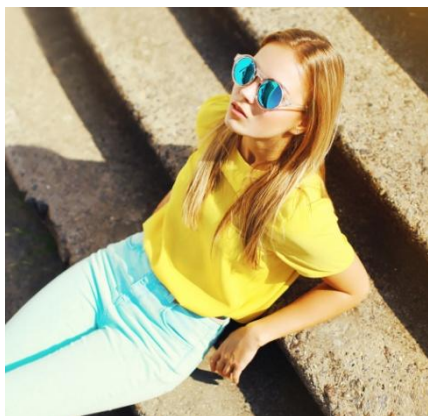


# POWDERY PERFECTOR ULTRASOFT SPF 30 FACE AND BODY


**O/W  
Emulsion**


- Appearance: ivory emulsion
- Packaging: tube
- High protective face and body sun care (SPF 30; ratio UVA/UVB = 0.8). A soft skin feel and a powdery finish for a maximal comfort during application.
- Only 0.3% of SEPIMAX™ ZEN effectively stabilizes filters (28 % a.m.)
- SEPIMAT™ SB brings a powdery and dry finish for a perfect complexion.
- MONTANOV™ 82 and L combination allows to obtain a smooth texture, easy to spread with a good glide-on. It also stabilizes high oily phase contents (41 %)
- A simple sun care formula, very pleasant to apply and wear!


**EU07328B - 1606**

## Formula

A	Water/Aqua	QSP 100%
	Titanium dioxide and silica	5,00%
	SEPIMAT™ SB	5,00%
B	MONTANOV™ 82	1,50%
	MONTANOV™ L	1,50%
	C12 -15 Alkyl Benzoate	7,00%
	Diisopropyl sebacate	5,00%
	Dimethicone	3,00%
	Tocopherol	0,05%
	Homosalate	10,00%
	Ethylhexylsalicylate	5,00%
	Octocrylene	4,00%
	Butyl methoxydibenzoylmethane	3,00%
	Benzophenone-3	4,00%
SEPIMAX™ ZEN	0,30%	
C	Phenoxyethanol & ethylhexylglycerin	1,00%
	Phenylpropanol and propanediol and caprylyl glycol and tocopherol	1,00%
	Parfum/Fragrance	0,20%
	Lactic acid	QS pH

## Procedure

### BECOMIX (Rotor Stator) – 6 kg

Prepare oily phase B, without SEPIMAX ZEN, and heat up to 80 ° C. In the tank, add ingredients of phase A and homogenize between each addition. Heat phase A up to 80° C. Incorporate phase B into phase A and emulsify during 1 min under vacuum. Break vacuum. Add SEPIMAX ZEN and homogenize. Cool down step by step: at 30° C during 1 min and at RT. Adjust pH with lactic acid.

## Characteristics

Appearance	Ivory emulsion
pH	6.4
Viscosity 1M at RT	34.000 mPa.s Brookfield S4S6
Viscosity 1M at 45° C	27.000 mPa.s Brookfield S4S6
Viscosity recovery at RT (after 1M at 45° C)	48.000 mPa.s Brookfield S4S6
Stability*	Stable at RT, 40° C, cycles 4/40° C

## Raw materials from SEPPIC

### SEPIMAT™ SB

#### Methyl Methacrylate Crosspolymer

SEPIMAT™ SB, consisting of absorbent, soft microspheres is ideal for a soft and matte skin appearance. This versatile and easy-to-disperse powder is suitable for all types of formulations and is especially adapted for fluid or sprayable formulations due to its fine granulometry.

### MONTANOV™ 82

#### Cetearyl Alcohol and Coco-Glucoside

Glucolipid emulsifier derived from vegetable origin. MONTANOV™ 82 is especially well-suited for formulations with a high concentration of active ingredients. In combination with the other grades of the MONTANOV™ range, it can be used to modulate the texture and flexibility of the emulsions as desired. It allows the formulation of stable sun care products in terms of texture, dispersion of sunscreens, protection factor, etc. Ecocert, Cosmos and Natrue approved.

### MONTANOV™ L

#### C14-22 Alcohols and C12-20 Alkyl Glucoside

Glucolipid emulsifier in harmony with nature. MONTANOV L is well-suited to formulate different textures (from sprayable to butter cream) no matter the nature or the quantity of fatty phase used. It stabilizes emulsions, and has a strong moisturizing power since it promotes liquid crystals which prevent the skin from dehydration (efficacy proven in vivo). Ecocert and Natrue approved.

### SEPIMAX™ ZEN

#### Polyacrylate Crosspolymer-6

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

## Other raw materials...

- C12 -15 Alkyl Benzoate: **DUB B1215 (STEARINERIE DUBOIS)**
- Diisopropyl sebacate: **DUB DIS (STEARINERIE DUBOIS)**
- Dimethicone: **DC 200/350 (DOW CORNING)**
- Homosalate: **Eusolex HMS (MERCK)**
- Ethylhexylsalicylate: **Eusolex OS (MERCK)**
- Octocrylene : **Eusolex OCR (MERCK)**
- Butyl methoxydibenzoylmethane: **Eusolex 4360 (MERCK)**
- Benzophenone-3: **Eusolex 4360 (MERCK)**
- Phenoxyethanol & ethylhexylglycerin: **EUXYL PE9010 (SCHULKE MAYR)**
- Phenylpropanol and propanediol and caprylyl glycol and tocopherol: **SENSIVA PA40 (SCHULKE MAYR)**
- Fragrance: **Parfum Fleur de Frangipanier (TECHNICO FLOR)**