



EU07156A

24H SOFT DEODORANT SENSITIVE SKIN ROLL-ON FOR MEN



Overview

- White fluid
- Packaging: roll'on
- Double action of MONTANOV™ L which plays the role of an emulsifier as well as it maintains skin moisturizing
- Deodorant without aluminum
- 24 hours efficacy: proven and guaranteed
- LIPACIDE™ UG strives against bacteria responsible for bad smell. Besides, it does not irritate nor alter skin integrity



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Formula

A	Aqua/Water	25,00 %
	MONTANOV™ L	2,00 %
	Isopropyl Myristate	1,00 %
	Cyclopentasiloxane and Cyclohexasiloxane	1,00 %
	Propylene Glycol and Phenoxyethanol and Methylparaben and Ethylparaben)	1,00 %
B	SEPINOV™ EMT 10	1,50 %
C	Aqua/Water	25,00 %
D	Aqua/Water	Up to 100 %
	LIPACIDE™ UG	1,00 %
	Triethanolamine	Up to
	Tetrasodium Glutamate Diacetate	0,30 %
	SEPIMAT™ CPS	1,00 %

Procedure

(Pilot – Trimix – 5kg)

Weigh phase A ingredients in the main vessel and heat to 80° C. Homogenize well. Add the polymer to the main tank (phase B) and phase C and homogenize well. In a separate vessel, weigh LIPACIDE™ UG, add the water (heated at 80° C) of phase D and add the neutraliser. Mix well with a magnetic bar stirrer. Once the LIPACIDE™ UG is well neutralized add the remaining ingredients of phase D into the beaker. Start cooling down the main batch and at 60° C, add phase D into the main batch. Mix well until it gets homogeneous.

Characteristics

Appearance	White thin emulsion
pH at M1 RT	5,9
Viscosity at M1 RT	3,645 mPa.s BROOKFIELD LV2 speed 6
Viscosity after 1 month at 45° C	750 mPa.s BROOKFIELD LV2 speed 6
Viscosity recovery at RT (after 1 month at 45° C)	3,620 mPa.s BROOKFIELD LV2 speed 6
Stability	> M1 at RT and 45° C After 1 month of freeze/thaw cycles -5 / +40° C Stable after 18h at -18° C

Raw materials from SEPPIC

LIPACIDE™ UG

Undecylenoyl Glycine

A seboreregulator and protector of the skin ecosystem, LIPACIDE™ UG contributes to improve dandruff conditions through its double soothing and antifungal action. It also protects cosmetic products by increasing microbiological stability of formulas with a low preservative content.

SEPIMAT™ CPS

Methyl Methacrylate Crosspolymer

Consisting of smooth, ultra-soft microspheres that do not dry out the skin, MICROPEARL™ M305 gives emulsions and gel-creams a slightly powdery feel. The greater the percentage of MICROPEARL™ M305, the more pronounced the powdery feel is. Due to its excellent hydrodispersibility, MICROPEARL™ M305 can be used in 10 to 15% concentrations with no problem of dispersion or agglomeration. MICROPEARL™ M305 also contributes to the matifying effect of the formula by eliminating the phenomena of specular reflection.

MONTANOV™ L

C14-22 Alcohol and C12-20 AlkylGlucoside

Glucolipid emulsifier in harmony with nature. MONTANOV L is really useful to synthesize fluid formulas no matter the nature or the quantity of fatty phase used.

SEPINOV™ EMT10

Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer

Powder polymer « 2 in 1 », thickening in a wide pH range (3 to 10), ready for use, with an excellent emulsifying and stabilizing power at low concentration. The chemical structure of Sepinov EMT10 guarantees a tremendous compatibility with specific actives. Besides, its supple texture enables an easy pick up.

Other raw materials...

- Isopropyl Myristate: **DUB IPM (STEARINERIE DUBOIS, distributed by SEPPIC in USA)**
- Cyclopentasiloxane and Cyclohexasiloxane: **Dow Corning 345 Fluid (DOW CORNING)**
- Tetrasodium Glutamate Diacetate: **Dissolvine GL-38 (AKZONOBEL)**

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