

# 24HR SOFT DEODORANT SENSITIVE SKIN 7156

To create the new generation of deodorants,without the use of aluminium salts, this 24hr Soft deodorant has been tested 24h in-vivo, with its efficacy proven and guaranteed! The new star is LIPACIDE™ UG. With its double action, it fights against bacteria responsible for the unpleasant odours, and also protects the skin (lipoaminoacid). This deodorant is suitable for sensitive or shaved skin as it is alcohol free.

## Formula

Α	• Water	25.00%
	MONTANOV™ L (C14-22 Alcohol and C12-20 AlkylGlucoside – Seppic)	2.00%
	Isopropyl Myristate	1.00%
	<ul> <li>Cyclopentasiloxane and Cyclohexasiloxane</li> </ul>	1.00%
	• EUXYL <sup>™</sup> K 320 (Propylene Glycol and Phenoxyethanol and Methylparaben and Ethylparaben – Schülke)	1.00%
В	• SEPINOV™ EMT 10 (Hydroxyethyl Acrylate/Sodium Acryloydimethyl Taurate Copolymer – Seppic)	1.50%
С	• Water	25.00%
D	• Water	Up to 100%
	• LIPACIDE™ UG (Undecylenoyl Glycine – Seppic)	1.00%
	Triethanolamine	Qs
	MICROPEARL <sup>™</sup> M305 (Methyl Methacrylate Crosspolymer – Seppic)	1.00%

## Manufacturing Procedure (pilot - Trimix - 5kg)

Weigh phase A ingredients in the main vessel and heat to 80°C. Homegenize well. Add the polymer to the main tank (phase B) and phase C and homogenize well. In a separate vessel, weigh LIPACIDE<sup>TM</sup> 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<sup>TM</sup> 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 C into the main batch. Mix well until homogeneous.

#### Comments

- LIPACIDE™ UG A seboregulator and protector of the skin ecosystem, LIPACIDE™ UG helps improve dandruff conditions through its double soothing and antifungal action. It also protects cosmetic products by increasing the microbiological stability of formulas with a low preservative content.
- MICROPEARL<sup>™</sup> M305 Consisting of smooth, ultra-soft microspheres that do not dry out the skin, MICROPEARL<sup>™</sup> M305 gives emulsions and gel-creams a slightly powdery feel. The greater the percentage of MICROPEARL<sup>™</sup> M305, the more pronounced the powdery feel. Due to its excellent hydrodispersibility, MICROPEARL<sup>™</sup> M305 can be used in 10 to 15% concentrations with no problem of dispersion or agglomeration. MICROPEARL<sup>™</sup> M305 also contributes to the matifying effect of the formula by eliminating the phenomena of specular reflection.

SEPPIC SA	SEPPIC Inc	<b>SEPPIC UK Ltd</b>	SEPPIC Italia Srl	SEPPIC Asia Singapore
33(0) 1 55 91 57 00	1 973 882 5597	44 208 577 8800	39 02 38009110	65 6278 6711
<b>Givaudan Lavirotte SA</b>	SEPPIC China	<b>SEPPIC GmbH</b>	SEPPIC Belgium NV	
33(0) 4 78 61 55 00	86(21) 64 66 01 49	49(0) 220 3890 3100	32 3 250 3911	



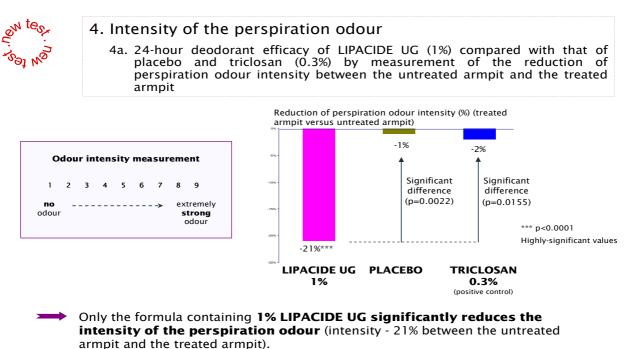
MONTANOV<sup>™</sup> L Glucolipid emulsifier in harmony with nature. MONTANOV<sup>™</sup> L is especially useful to produce fluid formulas whatever the type or quantity of oil phase used. MONTANOV<sup>™</sup> L has a shear-thinning profile that is stable over time and well-adapted to the formulation of sprayable emulsions. It offers easy stabilization in the presence of hydrosoluble active ingredients that are rich in electrolytes. MONTANOV<sup>™</sup> L can promote liquid crystals according to the emulsion diagram, creating water reservoirs within the emulsion to help maintain skin moisturization. In combination with the other grades of the MONTANOV<sup>™</sup> L is fully adapted to produce emulsions with any kind of texture fluid or thick.

**SEPINOV™ EMT 10** Powder polymer « 2 in 1 », thickening in a wide pH range (3-10) ,ready to use , with an Excellent emulsifying and stabilizing power at low level –Innovative chemical structure with a good compatibility with specific actives ingredients and supple texture easy to pick up.

# Characteristics

Appearance pH after 1 month at RT Viscosity after 1 month at RT Viscosity after 1 month at 45°C Viscosity recovery at RT (after 1 month at 45°C) Stability White thin emulsion 5.91 3,645 mPa.s BROOKFIELD LV2 speed 6 750 mPa.s BROOKFIELD LV speed 6 3,620 mPa.s BROOKFIELD LV speed 6 > M1 at RT and 45°C After 1 month of freeze/thaw cycles -5 / +40°C Stable after 18h at -18°C

## Evaluation



Its **action** against the intensity of the odour is **significantly greater** than that of placebo and triclosan (positive control), which were statistically ineffective.

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### Notes

Isopropyl Myristate : DUB IPM (STEARINERIE DUBOIS, distributed by SEPPIC in the USA) Cyclopentasiloxane and Cyclohexasiloxane : Dow Corning 345 Fluid (DOW CORNING)

## 7156 - SEPPIC - 0903

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