



HYGIENE

EU07369 | SPRAY DEODORANT

Propellant-free



Avoid air pollution due to propellant

Formulated without aluminium salts

Ok for sensitive skin



| | | |
|----------|--|-------------------------------------|
| A | Aqua/Water Citric Acid 25% SEPIMAT™ SB | Up to 100% 0.04% 3.00% |
| B | MONTANOV™ L Neopentyl Glycol Diethylhexanoate | 2.00% 5.00% |
| C | SIMULGEL™ NS SEPIMAX ZEN™ | 0.50% 0.30% |
| D | FLUIDIPURE™ 8G Phenoxyethanol - Ethylhexylglycerin Fragrance/Parfum | 5.00% 1.00% 0.50% |

Sprayable White Emulsion / Packaging: Spray

pH: 5.56 / **VISCOSITIES: 1M at RT:** 3,220 mPa.s Brookfield LV4-6 /

Recovery at RT (after 1M at 45°C): 6,280 mPa.s Brookfield LV4-6.

STABILITY: 1M at RT, 45°C, cycles -5°C/+40°C.

FORMULATION ADVICES: Laboratory scale - 6 kg - Trimix

Heat water at 81°C in the Trimix. Add the other ingredients of phase and homogenize during 5 min. Prepare phase B in a beaker and melt it at 85°C. Pour phase (B+C) into phase A and emulsify with rotor stator (3000 rpm; 10 min). Start cooling step by step till 60°C under moderate stirring. Make the vacuum. Continue cooling down at 30°C. Add phase D and homogenize during 10 min, then with the rotor stator (3000 rpm; 2min). Let cool down at RT under moderate stirring.

Say 'YES' to a deo less polluting than an aerosol!

An alternative to classical deodorants.

MONTANOV™ L & SIMULGEL™ NS association offers an easy & effective solution for the formulation of sprayable emulsions. It induces a smooth & light touch. Great sprayability performance: 75% vs demineralized water (57C0036 method).

MONTANOV™ L (C14-22 Alcohols - C12-20 Alkyl Glucoside): **Glucolipid emulsifier in harmony with the nature.** It is well-suited to formulate different textures, 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*).

SIMULGEL™ NS (Hydroxyethylacrylate/Sodium Acryloyldimethyl Taurate Copolymer - Squalane - Polysorbate 60): **Liquid thickening agent**, very easy to use (no pre-dispersion or neutralization). Provides a **sensation of freshness** followed by a **melting effect in contact with the skin**. Leaves a **velvety soft feeling**.

SEPIMAX ZEN™ stabilizes the formula containing electrolytes.

(Polyacrylate Crosspolymer-6)

Powder polymer with a **MAXIMUM resistance to electrolytes** (high associative behavior). It enables the creation of formulas with a **specific skin feeling: rich, velvety & elegant**. It is now possible to formulate with any kind of active ingredients & to **achieve ZEN**.

FLUIDIPURE™ 8G is a **purifying agent respecting sensitive skin & helps to reduce body odours**. (Hexylene Glycol - Capryloyl Glycine - Xylitylglycoside) Pure protection from head to toe! Glycine & sugar biovector. It **controls body odor, decreases irritation & restores the skin's acidic mantle**. As it participates to the **microbial protection of the formulation**, its gentleness makes it the perfect match for **sensitive skin**.

SEPIMAT™ SB has good humidity absorptions skills.

(Methyl Methacrylate Crosspolymer)

Absorbent, soft microspheres. This **versatile & easy-to-disperse powder** is suitable for sprayable formulations due to its fine granulometry. Ideal for a **soft & matte skin appearance**.

ADDITIONAL INGREDIENTS: Phenoxyethanol - Ethylhexylglycerin: EUXYL PE9010 (SCHÜLKE & MAYR) / Neopentyl Glycol Diethylhexanoate: DUB DONPG (STEARINERIE DUBOIS) / Fragrance: Parfum The vert NATFLOR (TECHNOFLOR).

More informations available on seppic.com

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