



HYGIENE

# EU07369 | SPRAY DEODORANT

## Propellant-free



Avoid air pollution due to propellant

Formulated without aluminium salts

Ok for sensitive skin



<b>A</b>	Aqua/Water Citric Acid 25% <b>SEPIMAT™ SB</b>	Up to 100% 0.04% <b>3.00%</b>
<b>B</b>	<b>MONTANOV™ L</b> Neopentyl Glycol Diethylhexanoate	<b>2.00%</b> 5.00%
<b>C</b>	<b>SIMULGEL™ NS</b> <b>SEPIMAX ZEN™</b>	<b>0.50%</b> <b>0.30%</b>
<b>D</b>	<b>FLUIDIPURE™ 8G</b> Phenoxyethanol - Ethylhexylglycerin Fragrance/Parfum	<b>5.00%</b> 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](http://seppic.com)

**SEPPIC**

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status.

A company  
**Air Liquide**  
HEALTH CARE