



HYGIENE

EU07483 | THE RUNNER'S MUST-HAVE

Anti-perspirant care



O/W
Emulsion

Anti-perspirant
with a powdery finish

The athlete's ally!

A	Aqua / Water Monopropylene Glycol Butylene Glycol Tetrasodium EDTA	Up to 100 % 2.00 % 5.00 % 0.05 %
B	EMOGREEN™ L15 SIMULSOL™ 165 MONTANOV™ 202	3.00 % 2.00 % 2.00 %
C	SOLAGUM™ TARA SEPIMAX ZEN™	0.50 % 0.30 %
D	Phenoxyethanol - Ethylhexylglycerin Aluminium Chlorohydrate (sol.50%) Aluminium Potassium Sulfate - Dodecahydrate Fragrance	1.00 % 20.00 % 0.30 % 0.15 %

White Liquid / Packaging: Roll-on or Tube

pH: 3.8

VISCOSITIES: **1M** at **RT:** 23,800 mPa.s Brookfield LV4-6 /
Recovery at RT (after 1M at 45°C): 18,500 mPa.s Brookfield LV4-6.

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

FORMULATION ADVICES: Pilot - 5 kg - Trimix

Introduce and heat phase A in the tank at 80°C. In a separate beaker, heat phase B at 80°C. Once the temperature is reached, add phase C to phase B and homogenize. Add the mix (B+C) to phase A under stirring (3000 rpm, 3 minutes). Cool down the mix at 60°C and add phase D.

Prepare your body for training ! This antiperspirant care will become your essential running accessory!

SOLAGUM™ TARA stabilizes efficiently the anti-perspirant cationic actives (20.3%) by bringing viscosity. (Caesalpinia Spinosa Gum)

A powerful thickening natural gum from *Caesalpinia spinosa* endosperm seeds. Synergistic efficiency with synthetic & natural polymers.

A low dose of **SEPIMAX ZEN™** boosts the stability of the formula with acid pH. (Polyacrylate Crosspolymer-G)

Powder polymer with a MAXIMUM resistance to electrolytes (**high associative behavior**). Stable from pH 2 to 8, it enables the creation of formulas with a **specific rich, velvety & elegant skin feeling**. It is now possible to formulate emulsions with any kind of active ingredients & to **achieve ZEN**.

SIMULSOL™ 165 & MONTANOV™ 202 form a compliant emulsifiers duo with the anti-perspirant actives for a light texture.

SIMULSOL™ 165 (PEG-100 Stearate - Glyceryl Stearate): **Non-ionic self-emulsifying base**. Provides formation of O/W emulsions with various consistency.

MONTANOV™ 202 (Arachidyl Alcohol - Behenyl Alcohol - Arachidyl Glucoside): **Glucolipid emulsifier derived from vegetable origin**. Promoter of liquid crystals (which contain water), it plays a role in maintaining **skin moisturization over time**.

EMOGREEN™ L15: a light soft veil allowing a powdery finish, ideal for an anti-perspirant. (C15-19 Alkane) (*Plant based & Renewable)

Non polar & biodegradable, bio-sourced emollient. This **high purity alkane** is THE alternative to volatile silicone oils. Beyond the **lightweight & non-greasy skin feel**, it gives a **powdery finish**. Inert & stable, it can be used in all types of applications, even in **extreme conditions** (pH, oxidizing/reducing media...).

ADDITIONAL INGREDIENTS: Phenoxyethanol - Ethylhexylglycerin: EUXYL PE9010 (SCHÜLKE & MAYR) / Aluminium Chlorohydrate: CHLORHYDROL 50 (SUMMIT REHEIS) / Aluminium Potassium Sulfate Dodecahydrate: KALUNITE POTASSIUM ALLUM 20 (IKSH) / Fragrance: CHRYSANTHIA (TECHNICO FLOR).

A formula related to **ATHLEISURE BEAUTY** concept

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