

## BIKE RIDING FILM-FORMER AIRY ANTI-FRICTION CREAM



Aspect : Yellow airy emulsion  
Packaging : Jar

Fully enjoy your biking workout thanks to this airy anti-friction texture !  
**SENSANOV™ WR** and **SOLAGUM™ AX** bring a non-occlusive fimogenic effect which allows water-resistance of the formula and ensures an anti-pollution effect.  
**SEPICALM™ S WP** prevents and calms the skin after frictions. **AQUAXYL™** ensures the cutaneous hydration during workout.  
**SENSANOV™ WR** brings a light and powdery touch. **SOLAGUM™ AX** and **SEPINOV™ EMT 10** stabilize the airy emulsion and ensure an excellent pick-up.  
**EMOGREEN™ L15** increases the glide-on feeling and lets a soft and non sticky sensation. **LANOL 99** allows a dry finish.

A protective cloud against irritations !



### Formula

A	Aqua / Water Glycerin Colorant NaOH 50%	Up to 100 % 3,00 % 0,21 % Up to pH
B	<b>SENSANOV™ WR</b> <b>EMOGREEN™ L15</b> <b>SOLAGUM™ AX</b> <b>LANOL 99</b> <b>SEPINOV™ EMT 10</b> Hydrogenated Stearyl Olive Oil Esters Silica Phenoxyethanol and Ethylhexylglycerin	<b>3,00 %</b> <b>9,50 %</b> <b>0,50 %</b> <b>10,00 %</b> <b>1,00 %</b> 5,00 % 0,50 % 1,00 %
C	<b>SEPICALM™ S WP</b> <b>AQUAXYL™</b>	<b>3,00 %</b> <b>1,50 %</b>
D	Fragrance	0,50 %

### Procedure

Lab Trial - 200 kg

Introduce phase A in the tank and heat at 80°C. In a separated beaker, heat phase B at 80°C. Add phase B into phase A under stirring to emulsify (4 000 rpm, 4 minutes). Cool down the mix to 60°C and add phase C. continue to cool down the mix and add phase D under 40°C.

### Characteristics

Appearance	Yellow airy emulsion
pH	5.8
Viscosity 1M at RT	158 000 mPa.s Brookfield S6S6
Viscosity 1M at 45°C	69 580 mPa.s Brookfield S6S6
Viscosity recovery at RT (after 1M at 45°C)	178 000 mPa.s Brookfield S6S6
Stability*	Stable 1M at RT, 45°C and in thermal cycles from -5 to 40°C Stable after centrifugation (3000 rpm, 20 minutes)

## Raw materials from SEPPIC

### SENSANOV™ WR

#### C20-22 Alkyl Phosphate and C20-22 Alcohols

Versatile phosphate anionic emulsifier effective at low dosage (1 to 3%). Provides a feeling of lightness followed by the sensation of a matte velvety veil which slowly envelops the skin. Finally SENSANOV™ WR emulsions leaves the skin supple with a long lasting sensation of comfort. This protective film sensation is reflected *in vivo* by a water-resistant effect for the development of sun care formulations. SENSANOV™ WR reduces oiliness of extra rich emulsion. Ideal for makeup products. SENSANOV™ WR is able to emulsify a high percentage of fillers keeping a perfectly smooth texture.

### EMOGREEN™ L15

#### C15-19 Alkane (natural and renewable)

EMOGREEN™ L15 is a non polar and biodegradable, bio-sourced emollient. It's THE alternative to volatile silicone oils. This high purity vegetable alkane is conformed to Cosmos and Natrue. Beyond the lightweight and non-greasy skin feel, it gives a powdery finish. Inert and stable, it can be used in all types of applications, even in extreme conditions (pH, oxidizing/reducing media...).

### SOLAGUM™ AX

#### Acacia Senegal Gum and Xanthan Gum

Combination of thickening polymers. Eco-friendly product developed in accordance with sustainable development. Can be used with hot or cold process. Ecocert and Natrue approved.

### LANOL 99

#### Isononyl Isononanoate

Emollient agent. Soft and light touch, non greasy finish and short play-time.

### SEPINOV™ EMT 10

#### Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer

Powder polymer «2-in-1», thickening in a wide pH range (3-12), ready to use, with an excellent stabilizing properties at low level and in presence of a high % of oily phase.  
Sensory profile: "satin" touch, fresh, glide-on.

### SEPICALM™ S WP

#### Sodium Cocoyl Amino Acids and Sarcosine and Potassium Aspartate and Magnesium Aspartate

Happiness Soother for sensitive and irritated skin ! Aminoacids biovector enriched with mineral salts, SEPICALM™ S protects the skin from any type of internal or external stress (fights against aggressions such as inflammation, UV rays, abrasions ...) while exalting it by a real sensation of well being and comfort (increase the production of cutaneous pleasure molecules, reliefs irritative reactions felt by delicate skin and moisturizes effectively). Efficacy proven on volunteers and at the heart of skin cells. A gentle invitation to relaxation ...

### AQUAXYL™

#### Xylitylglucoside and Anhydroxylitol and Xylitol

AQUAXYL™ moisturizes and restructures the skin by harmonizing the hydric flow of the skin. Water reserves are instantly boosted, water circulation is improved in all skin layers and water loss is reduced (*in vitro* and *in vivo* tests prove this efficacy). It's mechanism of action has been validated by cosmetogenomics. Cosmos and Natrue approved.

## Other raw materials

- Schülke & Mayr  
Phenoxyethanol and Ethylhexylglycerin : **EUXYL PE9010**
- Other suppliers  
Hydrogenated Stearyl Olive Oil Esters: **PHYTOWAX L57 (SOPHIM)**  
Silica : **AEROSIL 200 (EVONIK)**  
Colorants **FD&C GREEN NO.8 SOLUTION 2.0%, FD&C YELLOW NO.5 SOLUTION 1.0%**  
Fragrance : **CITRUS LIME (GIVAUDAN)**