



US20092A | URBAN SKIN SHIELD

Airy anti-pollution cream



O/W
Emulsion

A	Aqua / Water	Up to 100 %
	Glycerin	3.00 %
	Colorant	0.21 %
	NaOH 50%	Up to pH
B	SENSANOV™ WR	3.00 %
	EMOGREEN™ L15	9.50 %
	SOLAGUM™ AX	0.50 %
	LANOL 99	10.00 %
	SEPINOV™ EMT 10	1.00 %
	Hydrogenated Stearyl Olive Oil Esters	5.00 %
	Silica	0.50 %
Phenoxyethanol - Ethylhexylglycerin	1.00 %	
C	SEPICALM™ S WP	3.00 %
	AQUAXYL™	1.50 %
D	Fragrance	0.50 %

With WESOURCE

Yellow Airy Emulsion / Packaging: Jar

pH: 5.8 / **VISCOSITIES:** **1M** at RT: 158,000 mPa.s Brookfield LV4-6 /

Recovery at RT (after 1M at 45°C): 178,000 mPa.s Brookfield LV4-6.

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

Stable after centrifugation (3000 rpm, 20 minutes)

FORMULATION ADVICES: Laboratory scale - 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.

This cream, with its aerial texture & film forming properties, is the ally of urban skin!
A real protective cloud against pollution!

The airy texture is due to combination of **SEPINOV™ EMT 10** & Silica. **SOLAGUM™ AX** & **SEPINOV™ EMT 10** stabilize the airy emulsion and ensure an excellent pick-up. **EMOGREEN™ L15** increases the glide-on feeling, lets a soft & non sticky sensation, and powdery finish.

SEPINOV™ EMT 10 (Hydroxyethyl Acrylate - Sodium Acryloyldimethyl Taurate Copolymer): Powder polymer "2-in-1", thickening in a wide pH range, ready to use, with excellent stabilizing properties. Sensory profile: "satin" touch, fresh, glide-on.
SOLAGUM™ AX (Acacia Senegal Gum - Xanthan Gum): Stabilizing combination of natural origin gums.

EMOGREEN™ L15 (C15-19 Alkane) ("Plant-based & Renewable): High purity alkane, non polar & biodegradable, bio-sourced emollient. Inert & stable, it can be used in all types of applications, even in extreme conditions (pH, oxidizing/reducing media...).

SENSANOV™ WR & SOLAGUM™ AX association brings filmogenic, but non-occlusive properties, ensuring a protective effect against pollution (clinically proven anti-pollution efficiency, after 6 hours in the polluted area of Beijing). Results showed skin was protected against the particles adhesion.

SENSANOV™ WR (C20-22 Alkyl Phosphate - C20-22 Alcohols): Versatile phosphate anionic emulsifier, effective at low dosage. Provides a feeling of lightness followed by a matt velvety veil (protective film sensation). In vivo: water-resistant effect.

LANOL 99: emollient agent, which offers a dry finish. (Isononyl Isononanoate)

SEPICALM™ S WP protects the skin from external stress & gives a sensation of well-being even for sensitive skin! **AQUAXYL™** ensures the cutaneous hydration during the day to let epidermis keeping its tightness.

SEPICALM™ S WP (Sodium Cocoyl Amino Acids - Sarcosine - Potassium Aspartate - Magnesium Aspartate): Aminoacids biovector enriched with mineral salts. Happiness Soother for sensitive skin; protects from all stresses (inflammation, UV rays, abrasions...).

AQUAXYL™ (Xylitylglucoside - Anhydroxylitol - Xylitol): Moisturizes & restructures the skin by harmonizing its hydric flow (in vitro & in vivo proven). Reduces irritation induced some surfactants. Mechanism of action validated by cosmetogenomics.

ADDITIONAL INGREDIENTS: Phenoxyethanol - Ethylhexylglycerin: EUXYL PE9010 (SCHÜLKE & MAYR) / Hydrogenated Stearyl Olive Oil Esters: PHYTOWAX L57 (SOPHIM) / Silica: AEROSIL 200 (EVONIK) / Colorants: GREEN N°8 Solution at 2%; YELLOW N°5 Solution at 1% (FD&C) / Fragrance: CITRUS LIME (GVAUDAN).

More informations available on seppic.com