

“SUN-KISSED” TAN SUNSCREEN (US20212)

Your daily organic defense sunscreen for a healthy golden hour glow.

A	Water (Aqua)		39.70%
	Dihydroxyacetone	EMD	8.00%
	AQUAXYL™ (Xylitylglucoside, Anhydroxylitol, Xylitol)	Seppic	1.50%
	SOLAGUM™ AX (Acacia Senegal Gum, Xanthan Gum)	Seppic	0.30%
B	Water (Aqua)		3.00%
	Glycerin		7.00%
	FLUIDIFEEL™ EASY (Lauryl Glucoside, Myristyl Glucoside, Polyglyceryl-6 Laurate)	Seppic	2.00%
	Benzyl Alcohol, Benzoic Acid, Dehydroacetic Acid, Tocopherol		1.00%
C	EMOGREEN™ L19 (C15-19 Alkane)	Seppic	4.00%
	DUB HELIOPTIMA (Diisopropyl adipate, Propylene glycol dicaprylate/dicaprate, C12-15 alkyl benzoate, Diisopropyl sebacate)	Stearinerie Dubois	4.00%
	Avobenzone	EMD	3.00%
	Ethylhexyl Salicylate	EMD	5.00%
	Homosalate	DSM	10.00%
	Octocrylene	EMD	10.00%
D	SEPINOV™ WEO (Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer)	Seppic	1.50%

Aspect: Off white cream

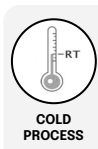
pH: 4.2 / **VISCOSITIES: 1M at RT:** 53,200 cps; Brookfield LV64 @6rpm

Recovery at RT (after 1M at 45°C): 86,200 cps; Brookfield LV64 @6rpm

STABILITY: Passed 3M at RT & 45°C; 3F/T cycles @-5°C/+40°C.

FORMULATION ADVICES: Laboratory scale - 300 grams batch - Sweeper & Deflocculator

Combine phase A and mix with deflocculator until a nice gel smooth gel is formed. Combine phase B and mix with sweeper blade at 70 - 80rpm for 15 minutes. Combine phase C and heat to melt avobenzone and mix well. Increase mixing speed of phase B to 170 - 200rpm and very slowly add phase C to phase B. After addition of phase C, mix for 15 minutes. Add phase A to phase BC and mix well. Transfer batch to deflocculator and mix to create a nice vortex and then add phase D. Mix until a smooth emulsion is formed. Check and adjust to pH 4.2 - 4.8.



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HIGHLIGHT:

SEPINOV™ WEO & SOLAGUM™ AX thicken and stabilize this sunscreen.

FLUIDIFEEL™ EASY emulsifies and stabilizes the formula giving a “nude” skin feel.

EMOGREEN™ L19 & DUB LAHE give a fresh and gliding application with a soft after-feel.

DUB HELIOPTIMA solubilizes 25% of organic sunscreens and boosts SPF.

AQUAXYL™ moisturizes and restructures the skin

Use on the skin for sun protection.



NATURALITY
PROFILE
according to
ISO 16128 norm



SUN EXPOSURE SKIN
PREPARATION

LIGHT & SILKY FEEL

MOISTURIZING

SEPPIC