

BARELY THERE SUNSCREEN (US20134)

A light and powdery protective cream

A	Water (Aqua) Sodium Hydroxide solution 25%		Up to 100% 0.23%
B	EMOSMART™ L19 (C15-19 Alkane) ZnO (Triethoxycaprylylsilane coated) Homosalate Ethylhexyl Salicylate Octocrylene Polyhydroxystearic Acid SENSANOV™ WR (C20-22 Alkyl Phosphate and C20-22 Alcohols)	Seppic Ultra Chemical Emd Emd Emd Innospec Seppic	3.50% 10.00% 10.00% 5.00% 10.00% 0.50% 2.00%
C	SEPINOV™ EMT 10 (Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer) Phenylpropanol, Propanediol, Caprylyl Glycol, Tocopherol EPHEMER™ (Caprylic/Capric Triglyceride and Undaria Pinnatifida Extract)	Seppic Schulke Seppic	0.50% 1.00% 1.00%
D	AQUAXYL™ (Xylitylglucoside, Anhydroxylitol, Xylitol)	Seppic	3.00%

Aspect : White cream

pH: 7.3 / **VISCOSITIES:** 1M at RT: 93,100 cps Brookfield LV96 @6rpm

Recovery at RT (after 1M at 45°C): 94,000 cps Brookfield LV96 @6rpm.

STABILITY: 1M at RT, 45°C, 3 F/T cycles -5°C/+40°C.

FORMULATION ADVICES: Laboratory scale - 300g batch - Homogenizer & overhead mixer

Combine phase A and heat 85C. Combine phase B and heat to 85C and then homogenize for few minutes. After homogenization, add phase C to B while maintaining temperature at 85C. Combine phase A and BC together and start homogenizing the batch. While homogenizing the batch, add phase D and continue to homogenize for 4 minutes at 4,000 rpm. Cool down the batch with sweeper to ambient temperature.

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HIGHLIGHT:

SENSANOV™ WR creates a soft and supple cream with water-resistance.

SEPINOV™ EMT 10 thickens and stabilizes this high SPF sun care.

EMOSMART™ L19, alternative to silicones, offers good dispersion of the mineral sunscreens.

AQUAXYL™ moisturizes and restructures the skin.

EPHEMER™ gives immediate and long lasting antioxidant effect

Use on the skin for sun protection.



HIGH SPF

IMMEDIATE & LONG-LASTING ANTIOXIDANT

WATER RESISTANCE

SEPPIC