



US20134 | Barely There Sunscreen - High SPF

A light and powdery protective cream



OW Emulsion

NOC = 59.4%
NATURALITY PROFILE according to ISO 16128 norm

High SPF

Immediate and long lasting antioxidant

Water resistance

A	Water AQUAXYL™	Up to 100% 3.00%
B	EMOSMART™ L19 ZnO (Triethoxycaprylylsilane coated) Homosalate Ethylhexyl Salicylate Octocrylene Polyhydroxystearic Acid SENSANOV™ WR	3.50% 10.00% 10.00% 5.00% 10.00% 0.50% 2.00%
C	SEPI NOV™ EMT 10 Phenylpropanol (and) Propanediol (and) Caprylyl Glycol (and) Tocopherol EPHEMER™	0.50% 1.00% 1.00%
D	Sodium Hydroxide solution 25%	0.23%

With WESOURCE

White cream / Packaging: Jar

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 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.

Instantly absorbed, this reef-friendly sun care leaves a soft and invisible finish.

Protect the skin against sun rays, free radicals and water loss.

SENSANOV™ WR creates a soft and supple cream with water-resistance (C20-22 Alkyl Phosphate and C20-22 Alcohols) Versatile phosphate anionic emulsifier providing a **light skin-feel with a matt finish**, long lasting comfort and **water resistance**. **SENSANOV™ WR** also **reduces oiliness** of extra rich emulsion.

SEPI NOV™ EMT 10 stabilizes and thickens this high SPF sun care (Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer) A pre-neutralized powder polymeric thickener, working on a wide pH range (3-12). It also provides excellent **oil stabilizing property** even in presence of a high percentage of oily phase. It imparts satiny and fresh skin feel.

Good dispersion and solubilization with EMOSMART™ L19 (C15-19 Alkane) This **non polar & biodegradable, bio-sourced emollient** is an alternative to silicones oil. It shows an excellent compatibility with all types of oils and **helps to disperse minerals** (TiO2/ZnO). It gives a **fresh and vanishing texture** with a **matt afterfeel**.

AQUAXYL™ moisturizes and restructures the skin (Xylitylglucoside and Anhydroxylitol and Xylitol) This natural plant sugars complex **boosts water reserves**, water circulation in all skin layers and **reduces water loss**.

Immediate and long lasting antioxidant effect with EPHEMER™ (Caprylyl/Capric Triglyceride and Undaria Pinnatifida Extract) Extract from *Undaria Pinnatifida* seaweed gametophytes. An unique sourcing of these ephemeral cells acting specifically on **mitochondrial free-radicals reduction**.

ADDITIONAL INGREDIENTS: Zinc Oxide: Zano® 10 Plus (ULTRA CHEMICAL)/ Homosalate: Eusolex HMS (EMD)/ Ethylhexyl Salicylate: Eusolex OS (EMD) / Octocrylene: Eusolex OCR (EMD)/ Polyhydroxystearic acid: Dispersun DSP-OL100 (Innospec)/ Phenylpropanol (and) Propanediol (and) Caprylyl Glycol (and) Tocopherol: Sensivar® PA 40 (SCHULKE)

* Data provide from OECD tests, QSAR calculations, products SDS and literature.