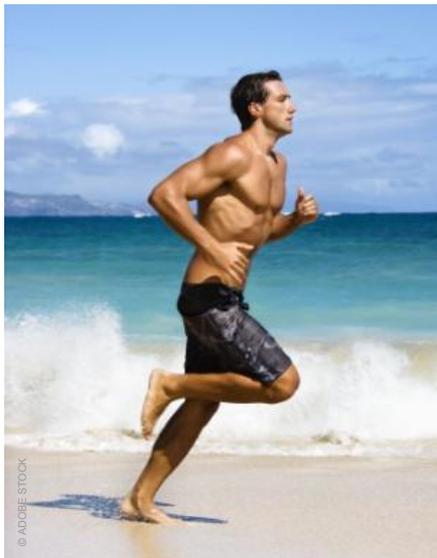




AS40039B | SO SPORTY WATER RESISTANT SUN PROTECTION CREAM - *In-vitro* SPF30**



Fast drying effect
& non greasy texture

Sun Filters:
in-vitro SPF=30**
(**Seppic 57C0033 method)

** Sun Filters with global authorisation / *In-vitro* SPF = 30 (Seppic 57C0033 method)

A	Aqua/Water	Up to 100%
	Butylene Glycol	4.00%
	SOLAGUM™ AX	0.30%
	Disodium EDTA	0.05%
	ORAMIX™ CG 110	0.50%
B	Phenylbenzimidazole Sulfonic Acid	0.50%
	Triethanolamine (50%)	1.50%
	Octocrylene	6.00%
	Ethylhexyl Salicylate	5.00%
	Butyl Methoxydibenzoylmethane	2.50%
C	Diisopropyl Adipate - Propylene Glycol	3.00%
	Dicaprylate/Dicaprate - C12-15 Alkyl	
	Benzoate- Diisopropyl Sebacate	1.00%
	SEPIMAT™ HB V	
	SENSANOV™ WR	5.00%
	EMOSMART™ L19	
	Titanium Dioxide - Glycerin - Alumina	3.00%
	SEPI LIFE™ NUDE	1.50%
	Tocopheryl Acetate	0.20%
	Phenoxyethanol - Ethylhexylglycerin	1.00%
Fragrance	0.20%	

With **WESOURCE**

Ivory Fluid Emulsion / Packaging: Tube

pH: 7.0 / **VISCOITIES:** 1M at RT: 15,400 mPa.s Brookfield LV4-6 /
Recovery at RT (after 1M at 45°C): 17,000 mPa.s Brookfield LV4-6.
STABILITY: 1M at RT, 45°C, cycles -5°C/+40°C, -18°C and 45°C.
Stable when centrifuged at 37°C, 30' at 3000 rpm.

FORMULATION ADVICES: Laboratory scale - 300g - Silverson

Disperse TiO₂ in phase B oils and grind until it is uniform. Heat phase B to 80-85°C, except **SEPI LIFE™ NUDE**. Prepare phase A, heat it to 85°C and stir uniformly. Add **SEPI LIFE™ NUDE** into phase B, then add phase A into phase B, and then start homogenization at 4000rpm for 4 minutes. Cool down slowly and stir it with anchor at 200rpm. Add phase C into the emulsion at 40°C. Adjust pH to 7.0 if necessary and stop stirring at 30°C.

**A sun care formula to fully enjoy outdoor sports!
Fast drying effect & non greasy texture guaranteed!**

It has never been so pleasant to protect your skin from the sun!

SEPI LIFE™ NUDE ensures the fluidity of the emulsion & stabilizes the oily phase. Thanks to its good compatibility with titanium dioxide, it minimizes the greasy skin feel with high content of sun filters (17%).

(Sodium Acrylate/Sodium Acryloyl Dimethyl Taurate Copolymer - C15-19 Alkane* - Polyglyceryl-6 Laurate* - Polyglycerin-6*) (*Plant-based & Renewable)
Pre-neutralized polymeric thickener for a wide range of pH (5.5 to 12). **Quick-break effect** & a **nude skin feel**, for all your natural cosmetics concepts

SENSANOV™ WR establishes a matte velvety sunscreen with a light skin feel. It also creates 100%*** water resistance formulation

(***Seppic 57C0048A method) - (C20-22 Alkyl Phosphate - C20-22 Alcohols)
Versatile phosphate anionic emulsifier. It provides a **feeling of lightness**, the **sensation of a protective matte & velvety veil** which slowly envelops the skin (*in-vivo*: water-remnant effect), and finally leaves the **skin supple**, with a **long lasting sensation of comfort**.

SEPI MAT™ HB V ensures a non-greasy & powdery feel which comforts the skin. (Methyl Methacrylate Crosspolymer)
Ultra light hollow microspheres for a "powdery" effect. In O/W emulsions, they **eliminate any oily sensation & provide a soft touch**.

SOLAGUM™ AX, a combination of natural gums, supports the formula **stability**. (Acacia Senegal Gum - Xanthan Gum)
Can be used with hot or cold process.

ORAMIX™ CG110, non-ionic surfactant from vegetable origin, reinforces the emulsion. (Caprylyl / Capryl Glucoside)

EMOSMART™ L19 helps to disperse minerals (TiO₂/ZnO). It gives a fresh & vanishing texture with a matt afterfeel. (C15-19 Alkane*) (*Natural & renewable)
High-purity, non polar & biodegradable emollient. It shows an excellent compatibility with all types of oils & Inert & stable, it **can be used in all types of applications, even in extreme conditions** (pH, oxidizing/reducing media...).

ADDITIONAL INGREDIENTS: Octocrylene: NEO HELIOPAN 303 (SYMRISE) / Ethylhexyl salicylate: PARSOL EHS (DSM) / Butyl methoxydibenzoylmethane: EUSOLEX 9020 (MERCK) / Diisopropyl Adipate - Propylene Glycol Dicaprylate/Dicaprate - C12-15 Alkyl Benzoate - Diisopropyl Sebacate: DUB HELIOPTIMA (STEARINERIE DUBOIS) / Titanium Dioxide - Glycerin - Alumina: UV-TITAN M212 (MERCK) / Phenylbenzimidazole sulfonic acid: EUSOLEX 232 (MERCK) / Tocopheryl Acetate: DL- α -TOCOPIPERYL ACETATE (DSM) / Phenoxyethanol - Ethylhexylglycerin: EULYL PE9010 (S&M) / Fragrance: FRAG272783 (DROM).

More informations available on seppic.com