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Fine Chemicals and More ...



Natural Sun Spray SPF 50 (SLI-022)

Sun Spray based on Zinc Oxide as single UV – Filter. Broadband UV – spectrum.

Phase	Ingredient	INCI	% w/w	Function
A	Vitamin-E-Acetate	TOCOPHERYL ACETATE	2.00	Active
	Allantoin (deretil nature)	ALLANTOIN	0.50	Active
	Bisabolol natural	BISABOLOL	0.50	Active
	LIPESTROL G-810 (Eigenmann & Veronelli)	CAPRYLIC/CAPRIC TRIGLYCERIDE	30.00	Emollient
B	dermofeel® sensolv MB	ISOAMYL LAURATE	10.00	Emollient
	Assure+ (EverCare)	PONGAMIA PINNATA SEED EXTRACT	0.25	Booster
C	Xperse® 501 (EverCare)	ZINC OXIDE, CAPRYLIC/CAPRIC TRIGLYCERIDE, POLYHYDROXY STEARIC ACID	41.60	UV – Filter
	dermofeel® sensolv MB	ISOAMYL LAURATE	4.95	Emollient
D	Silica	SILICA	0.20	Additive
E	Ethanol denat.	ALCOHOL	10.00	Solvent

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Specification:

Appearance: Slightly opaque spray

pH-value: N.A.

Viscosity: approx. 1400 mPas
(IKA Rotavisc me-vi, SP9, 5rpm, 20°C)

Stability: Stable for 3 months at 4°C, 20°C and 40°C,
1 month at 45°C

Procedure:

- I. Mix the components of phase A while stirring and heat up to 60°C.
- II. Phase B: Solubilize Assure + in dermofeel® sensolv MB by mixing while heating to about 60°C until dissolved.
- III. Add phase B and C to phase A and mix strongly.
- IV. Cool down to 35°C and add Phase D under continuous mixing.
- V. Add phase E under continuous mixing.

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