

## Pre-Sun Lotion

Formulation-No.: SMI 10/11c

Phase	INCI	Components/Supplier	%	Function
I	AQUA	Water	up to 100	Carrier
	BENTONITE, XANTHAN GUM	<b>Vanatural® XGB (R.T. Vanderbilt)*</b>	5.00	Stabiliser
II	GLYCERIN	Glycerin	3.00	Moisturiser
	COCONUT ALKANES, COCOCAPRYLATE/CAPRATE	<b>Vegelight 1214 LC (Biosynthis)*</b>	9.00	Emollient
	DODECYL OLIVATE	<b>Sensolene Care DD (HallStar-Italia)*</b>	5.00	Emollient
	AQUA, GLUCOSE, MANNOSE, BETAGLUCAN, SODIUM HYALURONATE, PHENOXYETHANOL, ETHYLHEXYLGLYCERIN	<b>Tosolin (Gova)*</b>	3.00	Active
III	SODIUM BENZOATE, POTASSIUM SORBATE	Euxyl® K 712 (Schülke & Mayr)	q.s.	Preservative
IV	PARFUM	<b>Rock 4030/7 (Vanessence)*</b>	0.30	Fragrance

\*distributed by C.H. Erbslöh

### Procedure

Add Vanatural XGB to water while mixing at high speed (800rpm, 30 min). Heat the ingredients of phase II to 45°C and add phase II slowly to phase I. Then add the ingredients of phase III and IV one after the other. Mix until smooth. Adjust the final pH to 5.0 with Citric Acid.

**Appearance:** beige colored light viscous emulsion

**pH:** 4.5 - 5.0

**Storage Stability:** 3 months/40°C

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