

- SPF 20² ▪ transparent sun oil ▪ UVA/UVB protection ▪ aquatic friendly ▪ free from octocrylene ▪
- best environmental compatibility enhanced with EcoSun Pass technology ▪
- elegant non-oily skin feel ▪ quick absorption ▪

PHASE	INGREDIENT	INCI	SUPPLIER	% ww
A1	EXCEPARL® LM-LC	Lauryl Lactate	Kao	7.00
	WITARIX® MCT C8	Tricaprylin	IOI Oleo	6.45
	Palmaster® 3590	Caprylic/ Capric Triglyceride	KLK Oleo	10.00
	MIGLYOL® PPG 810	Propylene Glycol Dicaprylate/ Dicaprate	IOI Oleo	15.00
	Eutanol® G	Octyldodecanol	BASF	24.00
	MIGLYOL® 8810	Butylene Glycol Dicaprylate/ Dicaprate	IOI Oleo	13.00
A2	Antaron™ Eco ethylcellulose	Ethylcellulose	Ashland	2.00
B1	COSI-SUN ET	Ethylhexyl Triazone	Cosnaderm	4.00
	COSI-SUN BEMT	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	Cosnaderm	6.00
	COSI-SUN DHHB Granulat	Diethylamino Hydroxybenzoyl Hexyl Benzoate	Cosnaderm	1.50
B2	Synoxyl® HSS	Trimethoxybenzylidene Pentanedione	Sytheon	0.30
	Synoxyl® AZ	Acetyl Zingerone	Sytheon	0.30
	dermofeel® Toco 70 non-GMO	Tocopherol, Helianthus Annuus Seed Oil	Evonik Dr. Straetmans	0.25
C	SolAmaze™	Diisostearoyl Polyglyceryl-3 Dimer Dilinoleate, Caprylic/Capric Triglyceride	Nouryon	3.20
	Vegelight® 1218	Coconut Alkanes	BioSynthis	2.50
	Hydrobase® 24/26	Cocos Nucifera Oil	Prod'Hyg	3.00
D	Hawaiian Tropic Fragrance N53888	Parfum	Carrubba	1.50
				100.00

PRODUCT FEATURES

Appearance: Yellowish-translucent fluid oil gel

Viscosity: 1,300 – 1,500 mPas (Brookfield, spindle RV03, speed 50 rpm, room temperature)

Stability: Stable for 2 months at 4°C, 20°C and 40°C.

MANUFACTURING PROCEDURE

1. Mix ingredients of phase A1.
2. Add phase A2 to A1 slowly under stirring and heat up to 85°C. Stir until completely dissolved.
3. Add UV-filters of phase B1 to phase A one after the other under stirring until completely dissolved. Keep the temperature constant at 85°C. Stir for another 5 minutes.
4. Add ingredients of phase B2.
5. Cool down while stirring. Add ingredients of phase C at 50°C.
6. Add phase D under stirring at room temperature until completely dissolved.

APPLICATION ADVICE

Apply generously on the skin 15 minutes before sun bath.

Prevent product from direct sun light.

BIESTERFELD PRODUCTS

MATERIAL	BENEFIT	BENEFIT	BENEFIT	NOI	PALM	VEGAN	COSMOS-CERTIFIED	COSMOS-CONFORM	NATRUE-CERTIFIED	NATRUE-CONFORM
EXCEPARL® LM-LC	Emollient	Moisturizer	Fast spreading	1	RSPO MB available	Vegan	No	No	No	
WITARIX® MCT C8	Light and polar emollient	Sensory transformer	Smooth feel	1	RSPO MB available/Palm-free available	Vegan	Yes	Yes	No	Yes
Palmester® 3590	Emollient	Non-polar	Medium spreadability	1						
MIGLYOL® PPG 810	Light and polar emollient	Fast spreading	Dimethicone and D5 replacement	0,79	RSPO MB available	Vegan	No	No	No	No
MIGLYOL® 8810	Light and polar emollient	Fast spreading	Dimethicone and D5 replacement	0,79	RSPO MB available	Vegan	No	No	No	No
Synoxyl® HSS	Photostabilizer	SPF booster	Eco-friendly	0	Palm-free	Vegan	No	No	No	No
Synoxyl® AZ	Anti-age active	24/7 skin protection	Long-lasting antioxidant	0	Palm-free	Vegan	No	No	No	No
	Prevents photo-aging	Skin repair								
dermofeel® Toco 70 non-GMO	Antioxidant			1	Palm-free	Vegan	Yes	Yes	No	Yes
SolAmaze™	Natural film-forming polymer	Water-resistance	Light-weight skin feel	1	RSPO MB available	Vegan	Yes	Yes	Yes	Yes
	Sustainable process	Readily biodegradable								
Vegelight® 1218	Volatile alkanes	D5/D6 replacement	Isododecane replacement	1	Palm-free	Vegan	Yes	No	No	No
	Silky skin feel									
Hydrobase® 24/26	Texturizer	Low melting point	Very slow skin penetration	1	Palm-free	Vegan	No	No	No	No
	Soft and silky skin feel	Matte finish	Film forming							
Hawaiian Tropic Fragrance N53888	Fragrance			0			No		No	

¹ Calculation according to ISO 16128.

² Tested according to ISO 24444:2019.

Happiness
in a Box

Sunny Side of Life

LN-LS-F5-10.5.1

79.90% Natural Origin Content¹



SUN CARE