

- 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
	Palmester® 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-Ethylhexylphenol 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 3, speed 50 rpm, room temperature)
 Stability: Stable for 2 months at 4°C, 20°C and 40°C.

MANUFACTURING PROCEDURE

- Mix ingredients of phase A1.
- Add phase A2 to A1 slowly under stirring and heat up to 85°C. Stir until completely dissolved.
- 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.
- Add ingredients of phase B2.
- Cool down while stirring. Add ingredients of phase C at 50°C.
- 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.

¹ Calculation according to ISO 16128.

² Tested according to ISO 24444:2019.