

NATURAL SUN CREAM

AL 14/17-23

Enjoy the sun with no compromise with a cream that delivers high ISO 16128 naturality along with UV sun care protection. A daily sun cream able to reach consumers' aspirations for natural, through objective measures of ISO 16128 naturality that are enabled by use of natural emulsifiers and emollients.

PHASE	INGREDIENTS	% W/W
A	ISOLAN® 17 MB (Polyglyceryl-4 Diisostearate/Polyhydroxystearate/ Sebacate; Caprylic/Capric Triglyceride; Polyglyceryl-3 Oleate; Diisostearyl Polyglyceryl-3 Dimer Dilinoleate)	4.00
	TEGOSOFT® CT (Caprylic/Capric Triglyceride)	15.00
	TEGOSOFT® M (Isopropyl Myristate)	7.50
	ZnO PI (Zinc Oxide)	16.00
	Eusolex T-S (Titanium Dioxide; Alumina; Stearic Acid)	9.00
	dermosoft® GMC MB (Glyceryl Caprate)	0.50
B	Water	41.20
	Glycerin	5.00
	Zinc Sulfate Heptahydrate	1.80
Z	Perfume	q.s.

Processing

1. Heat phase A to approx. 80 °C.
2. Disperse phase A with Ultra Turrax.
3. Add phase B to phase A while stirring.
4. Homogenize.
5. Cool down below 30 °C.
6. Homogenize again.

Remarks

Viscosity: 80 Pa*s (Brookfield RV DV-I, sp. 93, 10 rpm)
Antimicrobial effectiveness testing: results pending
SPF: 30.3, UVA-Balance: 34%, CW 376 nm^o(Calculated values, BASF Sunscreen Simulator)
Natural origin content cno (incl. water, ISO 16128): 98%

Appearance White cream

Viscosity 80 Pa*s

pH Value NA

Stability Proven

Microbiological Safety Challenge test passed

Disclaimer:

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