



IOI OLEOCHEMICAL



Light Sun Spritz SPF 50

The Enjoy-the-Sun-Mist.

The anhydrous oil-alcohol mist is formulated with chemical UV filters, ethanol and **MIGLYOL® PPG 810**. This highly polar emollient dissolves all standard UV filters and prevents recrystallisation, even in formulations with high SPF.

Sun care formulas require a certain lightness, high penetration and non-sticky after-feel. Using **MIGLYOL® PPG 810** ticks all the boxes. It ensures an incredibly easy-gliding application, non-sticky and non-oily feel, quick absorption and an overall light impression.

Whether on the beach or in the shower, sooner or later even the most beautiful summer day is over, and everything ends up down the drain. This makes it all the more important what we apply to our skin. This spray is not only 61 % natural but is also based on > 70 % readily biodegradable ingredients and saves VOCs as it is a pump spray instead of an aerosol.



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No.: 881

PHASE	TRADE NAME	INCI	%	FUNCTION
A	MIGLYOL® PPG 810 ¹	Propylene Glycol Dicaprylate/ Dicaprates	50.0	Polar Emollient
A	Neo Heliopan® BMT ²	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine (BEMT)	4.0	UV Broad Spectrum Filter
A	Neo Heliopan® 357 ²	Butyl Methoxydibenzoyl Methane (BMDBM); USAN: Avobenzene	4.0	UVA-II-Filter
A	Neo Heliopan® AV ²	Ethylhexyl Methoxycinnamate (EHMC); USAN: Octinoxate	10.0	UVB-Filter, UVA-II-Filter
A	Neo Heliopan® 303 ²	Octocrylene (OC), USAN: Octocrylene	10.0	UVB-Filter, UVA-II-Filter
A	Cosphaderm® T-70 Non GMO Eco ³	Tocopherol (and) Helianthus Annuus Seed Oil	0.2	Antioxidant
A	Cosphaderm® Propanediol natural ³	Propanediol	1.0	Alternative Preservative
B	Ethanol	Ethanol	20.5	Solvent
C	Christian Sport New ⁴	Parfum	0.3	Parfum

¹IOI Oleo, ²Symrise, ³Cosphatec, ⁴Bell

PROCESS

1. Mix phase A until all crystalline UV-filters are fully dissolved; heat to 80 °C
2. Cool to room temperature while stirring (mixture will turn turbid)
3. Add phase B and stir (mixture will turn clear again)
4. Add phase C and stir

Nota Bene: Please store this formula > 5 °C

FORMULA DATA

Appearance: Clear yellowish oil
pH (RT): n.a.
Viscosity (RT): sprayable
Stability Test: Passed
(3 months @ 20 °C &
40 °C, 10 days @ 50 °C)
Aw Test: Passed
(< 0.75, ISO 29621)
SPF: 50 (calculated)

UVA UVA PA++++



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V1.0