



IOI OLEOCHEMICAL

# Simply Stick – Sun



## Simple, Solid, Sensorial & Sustainable

This minimalist formula with 8 ingredients is your practical companion at the beach, in the mountains, on a city trip and in everyday life.

The water-free stick consists mostly of the water-light emollient **MIGLYOL® 8810 ECO**. This ingredient has a high polarity, which eases the use of UV filters, and contributes to high SPF retention, similar to other well-known emollients in the sun care sector.

The big difference? This emollient is 100% natural, readily biodegradable and non-toxic to aquatic organisms, enabling more sustainable sun care formulations.

Use the vegan **Simply Stick - Sun** formulation on-the-go on the lips and body. The formula glides on smoothly and feels soft and non-sticky. Have more fun in the sun with the family-friendly, gender-neutral and more eco-friendly concept.



# Simply Stick – Sun


No.: 869

PHASE	TRADE NAME	INCI	%	FUNCTION
A	Isofol 20	Octyldodecanol	30.0	Emollient
A	Gelatinization Agent EB-21	Dibutyl Ethylhexanoyl Glutamide	2.0	Gelatinization Agent
A	Gelatinization Agent GP-1	Dibutyl Lauroyl Glutamide	3.0	Gelatinization Agent
B	MIGLYOL® 8810 ECO	Butylene Glycol Dicaprylate/ Dicaprates	47.8	High Polar Wetting Agent, Water-Light Emollient
B	Neo Heliopan® E1000	Isoamyl p-Methoxycinnamate (and) Tocopherol	7.0	UVB Filter
B	Neo Heliopan® 357	Butyl Methoxydibenzoylmethane	5.0	UVA I & UVA II Filter
B	Eusolex® OCR	Octocrylene	5.0	UVB Filter & Photostabilizer
B	Cosphaderm® T-70 Non GMO Eco	Helianthus Annuus Seed Oil (and) Tocopherol	0.2	Antioxidant

## PROCESS

1. Weigh and mix phase A and heat to 120°C while stirring
2. Weigh and mix phase B
3. Preheat the mold/ packaging to 50°C
4. Cool phase A to 80°C, add phase B and keep stirring at 80°C
5. Pour into preheated mold/package and let cool at room temperature

## FORMULA DATA

- Appearance:** Clear, slightly  
yellowish stick
- pH:** n.a.
- Viscosity:** n.a.
- Stability test:** Passed (1 month  
@ 20°C & 40°C)
- SPF** Calculated SPF 25, 



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V1.0