



CLEAR OIL SUNSCREEN STICK

This coral reef-safe wonderfully moisturizing yet light sunscreen comes in an easy-to-use stick format. This non-greasy “dry oil” formulation is loaded with **Daikon Seed Extract (DSE)** for a light, velvety skin feel. **Meadowfoam XPR (XPR)** adds richness and oxidative stability. And, when combined with amino acid-derived gelatinization agents, XPR and DSE form a clear, solid stick that resists melting/softening in warm temperatures. **DOES NOT CONTAIN OXYBENZONE OR OCTINOXATE.**

Ingredient INCI NAME	Trade Name	%
Phase A		
Raphanus Sativus (Radish) Seed Extract	Daikon Seed Extract ¹	27.00
Limnanthes Alba (Meadowfoam) Seed Oil	Meadowfoam Seed Oil or Meadowfoam XPR* ¹	16.00
Homosalate	Homosalate ²	10.00
Octocrylene	Octocrylene ²	7.00
Ethylhexyl Salicylate / Octisalate	Neo Heliopan OS ³	5.00
Butyl Methoxydibenzoylmethane / Avobenzone	Avobenzone ²	3.00
C12-15 Alkyl Benzoate	C12-15 Alkyl Benzoate ²	5.00
Polyester-8	Polycrylene ⁴	2.00
Bisabolol	Natural Bisabolol ²	1.00
Phase B		
Octyldodecanol	Octyldodecanol ²	20.00
Dibutyl Lauroyl Glutamide	Gelatinization Agent GP-1 ⁵	2.40
Dibutyl Ethylhexanoyl Glutamide	Gelatinization Agent EB-21 ⁵	1.60
Total		100

Contains sunscreen active ingredients. Formulation not tested for safety or efficacy.

*Meadowfoam Seed Oil and Meadowfoam XPR can be used interchangeably in this formulation.

Suppliers: ¹ Natural Plant Products; ² Making Cosmetics; ³ Symrise; ⁴ Hallstar; ⁵ IMCD US/Ajinomoto

Procedure: Heat Phase B to 115°C and mix until completely dissolved. In a separate beaker dissolve avobenzone in C12-15 alkyl benzoate and add remaining Phase A ingredients, heating to 110°C. Add Phase A to Phase B and mix until combined. Fill containers at 105-110°C.

Appearance: Clear, light golden stick

Stability: One month at 45°C

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