



# CLEAR OIL SUNSCREEN STICK

Our Clear Oil Sunscreen Stick is coral reef-safe, restoratively moisturizing yet light in texture, and comes in an easy-to-use stick format. This non-greasy, dry oil formulation contains **Daikon Seed Extract (DSE)** that improves skin barrier function, while **Meadowfoam Seed Oil XPR (MSO XPR)** adds richness and oxidative stability. And, when combined with amino acid derived gelatinization agents, MSO 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	%
<b>Phase A</b>		
Raphanus Sativus (Radish) Seed Extract	Daikon Seed Extract <sup>1</sup>	27.00
Limnanthes Alba (Meadowfoam) Seed Oil	Meadowfoam Seed Oil XPR* <sup>1</sup>	16.00
Homosalate	Homosalate <sup>2</sup>	10.00
Octocrylene	Octocrylene <sup>2</sup>	7.00
Ethylhexyl Salicylate / Octisalate	Neo Heliopan OS <sup>3</sup>	5.00
Butyl Methoxydibenzoylmethane / Avobenzone	Avobenzone <sup>2</sup>	3.00
C12-15 Alkyl Benzoate	C12-15 Alkyl Benzoate <sup>2</sup>	5.00
Polyester-8	Polycrylene <sup>4</sup>	2.00
Bisabolol	Natural Bisabolol <sup>2</sup>	1.00
<b>Phase B</b>		
Octyldodecanol	Octyldodecanol <sup>2</sup>	20.00
Dibutyl Lauroyl Glutamide	Gelatinization Agent GP-1 <sup>5</sup>	2.40
Dibutyl Ethylhexanoyl Glutamide	Gelatinization Agent EB-21 <sup>5</sup>	1.60
<b>Total</b>		<b>100</b>

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:** <sup>1</sup> Natural Plant Products; <sup>2</sup> Making Cosmetics; <sup>3</sup> Symrise; <sup>4</sup> Hallstar/Ross Organic; <sup>5</sup> 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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