



SPRAYABLE SUNSCREEN WITH JOJOBA GLAZE® – LV

A moisturizing and protective sprayable sunscreen containing **JOJOBA GLAZE® – LV** and **JOJOBA ESTERS**.

INCI NAME	TRADE NAME	WT. %
Phase A		
Simmondsia Chinensis (Jojoba) Seed Oil (and)	JOJOBA GLAZE® – LV ¹	3.00
Ethylene/Propylene/Styrene Copolymer (and)		
Butylene/Ethylene/Styrene Copolymer		
Jojoba Esters		
Oleth – 5	JOJOBA ESTERS – 15 ¹	9.00
Cetyl Alcohol	Volpo – 5 ²	4.00
Zinc Oxide (and) Triethoxycaprylylsilane	Crodacol C70 ²	1.00
Titanium Dioxide (and) Alumina (and) Simethicone	Z-cote HP1 ³	0.80
	Eusolex T-2000 ⁴	7.20
Phase B		
Distilled Water		63.00
Magnesium Aluminum Silicate	Veegum Ultra ⁵	0.80
Phase C		
Distilled Water		0.95
Tetrasodium EDTA	Versene 100 ⁶	0.05
Phase D		
Hydroxyethylcellulose	Cellose HEC QP-40 ⁶	0.20
Propylene Glycol	Propylene Glycol	6.00
Phase E		
Dimethicone PEG-7 Phosphate	Pecosil PS-100 ⁷	3.00
Phase F		
Propylene Glycol (and) DMDM Hydantoin (and)	Paragon II ⁸	1.00
Methylparaben (and) Propylparaben		
		100.00

PROCEDURE

Combine first 4 ingredients of Phase A. Heat & mix with propellor until clear (@ 70-75C). Add dries of Phase A incrementally with propellor until well dispersed, maintaining 75C. Sprinkle Veegum into water of Phase B with homogenizer. Heat & mix to 75C. Mix well for 10 minutes. Premix Phase C. Add to Phase B with homogenizer, maintaining 75C. Slurry Phase D. Add to BC with homogenizer, maintaining 75C. Add Phase E to BCD with gentle homogenizing, maintaining 75C. Add Phase A to BCDE with homogenizer, each at 75C. Mix well for 10 minutes. Discontinue heat. Reduce speed and mix gently with homogenizer. Remove from homogenizer @ 50C. Add Phase F with propeller @ <50C. Mix with propellor to room temperature.

SUPPLIERS

¹ Desert Whale Jojoba Co.

² Croda

³ BASF

⁴ EMD Chemicals, Inc.

⁵ R.T. Vanderbilt

⁶ Dow Chemical

⁷ Pheonix

⁸ McIntyre

~ DISPERSION ~ MOISTURIZING ~ VISOCISTY BOOSTING ~

JOJOBA GLAZE® is a registered trademark of Desert Whale Jojoba Company, Inc.

This information is based on our present state of knowledge. No warranty is expressed or implied as to the use or application of this product. The suitability and safety of the final formulation should be confirmed in all respects by appropriate evaluation.