

# Lightweight SPF 30 Mineral Sunscreen

**BOT.19.06.S**

Try our incredible Lightweight SPF 30 Mineral Sunscreen that doesn't compromise the aesthetic and sensorial of your product. Hydresia<sup>®</sup> SF2 improves the overall feel of mineral sunscreens as well as dramatically lessens the whitening effect imparted by them, leaving you with a product that protects while moisturizing your skin.

PHASE	%	INGREDIENT	INCI	FUNCTION
1	37.50	Deionized Water	Water	Aqueous Vehicle
1	0.50	Keltrol <sup>®</sup> CG-SFT	Xanthan Gum	Rheology Modifier
1	1.00	Glycerin	Glycerin	Humectant
2	20.00	Z-Cote <sup>®</sup> LSA	Zinc Oxide (and) Triethoxycaprylylsilane	UV Filter
2	2.00	Lipobutter <sup>®</sup> Organic Shea - DWJ	Butyrospermum Parkii (Shea) Butter	Natural Emollient
2	3.00	Floraesters <sup>®</sup> 70	Jojoba Esters	Natural Emollient
2	2.50	Lipovol <sup>®</sup> A	Persea Gratissima (Avocado) Oil	Natural Emollient
2	2.00	Lexfeel <sup>®</sup> N100	Diheptyl Succinate (and) Capryloyl Glycerin/Sebacic Acid Copolymer	Natural Emollient
2	0.50	Lipo <sup>®</sup> Bisabolol	Bisabolol	Active
2	0.50	Vitamin E	Tocopherol	Antioxidant
2	14.00	DW Jojoba Colorless	Simmondsia Chinensis (Jojoba) Seed Oil	Natural Emollient
2	4.00	Olivem <sup>®</sup> 1000	Cetearyl Oliviate (and) Sorbitan Oliviate	Emulsifier
3	12.00	Hydresia <sup>™</sup> SF2	<b>Carthamus Tinctorius (Safflower) Oleosomes (and) Water</b>	<b>Multi-functional Emulsifier</b>
4	0.50	Chamomile Extract	Glycerin (and) Water (and) Chamomilla Recutita (Matricaria) Flower Extract	Active
4	qs	Preservative	Preservative	Preservative
		100.00%		

## PROCEDURE:

1. Premix Keltrol<sup>®</sup> CG-SFT and Glycerin into slurry, then add to main vessel with Deionized Water and mix thoroughly using medium speed propeller stirring while heating to approximately 70°C.
2. Mix Phase 2 ingredients in side vessel using medium speed propeller stirring while heating to approximately 70°C, until homogeneous. Then add combined Phase 2 ingredients to main vessel with continued thorough mixing.
3. Start cooling. At 65°C, add Phase 3 ingredient to main vessel and continue mixing at 375 rpm for 20 minutes, or until uniform.
4. At approximately 45°C, add Phase 4 ingredients, one by one, to main vessel with continued thorough mixing.
5. Finish cooling and pour into suitable container(s).

**Product:** Hydresia<sup>™</sup> SF2

**pH:** 6.75-7.25

**Stability:** 1 month at 50°C

**Formula Ref. #:** 048-31

# BOTANECO<sup>™</sup>



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