

## GUIDE FORMULATION

### Essence BB Sun Balm III

[SPF 50/PA++++]

	Trade Name	INCI Name	100 wt.(%)
A	Waglinol 242	Cetyl Ethylhexanoate	5.00
	Purolan IHD	Isohexadecane	8.80
	Ercarel AB	C12-15 alkyl benzoate	6.00
	M.S.O	Limnanthes Alba (Meadowfoam) Seed Oil	3.00
	D.S.E	Raphanus Sativus (Radish) Seed Extract	5.00
	Escalol 557	Ethylhexyl Methoxycinnamate	7.50
	Escalol 587	Ethylhexyl Salicylate	4.00
	Escalol 597	Octocrylene	2.00
	Escalol S	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	2.50
	Galling Agent	Dibutyl Ethylhexanoyl Glutamide & Dibutyl Lauroyl Glutamide & Octyldodecanol	14.00
	Arlacel 60	Sorbitan Stearate	2.00
	Ricos PHF-30-C	Polyhydroxystearic Acid	1.00
	Soldoc PGPR	Polyglyceryl-3 Polyricinoleate	0.50
	Coco Butter	Hydrogenated Coconut Oil	1.00
	Microsafe HBO	1,2-Hexanediol & Caprylhydroxamic Acid & 1,3-Butylene Glycol	0.80
Serasilk EL 61	Dimethicone & Dimethicone/Vinyl Dimethicone Crosspolymer	2.00	
B	CR 50 ATECS	Titanium Dioxide & Alumina & Triethoxycaprylsilane & Cyclopentasiloxane & PEG-10 Dimethicone	5.50
	ChoiceZinc 50NS	Zinc Oxide & Cyclopentasiloxane & PEG-10 Dimethicone & Hydrogen Dimethicone	15.00
	ChoiceTitan ABAP	Titanium Dioxide & Alumina & C12-15 Alkyl Benzoate & Polyhydroxystearic Acid & Aluminum stearate	6.00
	SeraSnow SP 14	Vinyl Dimethicone & Methicone Silsesquioxane Crosspolymer	5.00
	KS-1(TE)	Zinc Oxide & Dimethicone	3.00
C	I.O.Y	Iron oxide Yellow	0.15
	I.O.R	Iron oxide Red	0.05
D	Fragrance		0.20
합계			100.00

#### ◆ Procedure

1. Mix Phase A ingredients and heat to 90°C~95°C until fully dissolved.
2. Add Phase B to A, one by one.
3. Add Phase C, D to main beaker
4. Cool down to room temperature.

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