

SPF 15 LOTION WITH ZINC OXIDE
Zenigloss, Raspberry Butter

	PHASE	INGREDIENT	FUNCTION	% BY WEIGHT	BATCH SIZE 1000.00
1.	A	WATER		43.63	436.30
2.	A	HEXYLENE GLYCOL	Humectant	2.50	25.00
3.	A	XANTHAN	Thickener	20.00	200.00
4.	A	TETRASODIUM EDTA	Chelating agent	0.20	2.00
5.	B	OLETH-3 PHOSPHATE	Aid in dispersing Zinc Oxide	0.10	1.00
6.	B	GLYCERYL STEARATE(AND)PEG-100 STEARATE	Emulsifier	4.00	40.00
7.	B	CYLCLOMETHICONE	Silicone emollient	5.00	50.00
8.	B	POLYDECENE	Hydrocarbon Emollient	3.00	30.00
9.	B	ZENIGLOSS: Castor Isostearate Succinate	Skin Conditioner/ Zinc Oxide dispersing aid	5.00	50.00
10.	B	RASPBERRY BUTTER: Octyl Dodecanol, Beeswax, Rubus Idaeus	Emollient	3.00	30.00
11.	B	POTASSIUM CETYL PHOSPHATE	Emulsifier	1.50	15.00
12.	B	DIMETHICONE	Silicone emollient	1.00	10.00
13.	C	ZINC OXIDE(AND)DIMETHICONE	Sunscreen	6.50	65.00
14.	D	POYACRYLAMIDE(AND)C-13-14 ISOPARAFFIN(AND)LAURETH 7	Emulsion stabilizer	3.10	31.00
15.	E	PHENOXYETHANOL(AND)METHYL PARABEN (AND)PROPYL PARABEN(AND)ETHYL PARABEN(AND) BUTYL PARABEN(AND)ISOBUTYL PARABEN	Preservative system	1.00	10.00
16.	F	TOCOPHERYL ACETATE	Antioxidant-Vitamin E	0.10	1.00
17.	G	FRAGRANCE	Fragrance	0.25	2.50
18.	H	SODIUM HYDROXIDE	pH adjuster	0.12	1.20
		Total		100.00	1000.00

Manufacturing instructions: COMBINE PHASE A AT 70. COMBINE PHASE B. HEAT TO 70C. ADD PHASE C TO PHASE B& SILVERSON FOR 2 MIN USING SQUARE HOLE ATTACHMENT. ADD PHASE B/C TO PHASE A. SILVERSON FOR 4 MIN AT 6000 RPM USING SCREEN WITH SQUARE HOLDES. COOL TO 40C AND ADD PHASES D-G. ADJUST PH TO 8.0-8.5 WITH PHASE H. ADD ADDITIONAL PHASE D IF NECESSARY TO ACHIEVE A VISC. OF 40,000-70,000 CPS!

Formula courtesy of



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