



SPF 15 LOTION WITH ZINC OXIDE

Zenigloss, Raspberry Butter

	PHASE	INGREDIENT	FUNCTION	% BY WEIGHT	BATCH SIZE 1000.00
1.	A	WATER	DILUENT	44.63	446.30
2.	A	HEXYLENE GLYCOL	HUMECTANT	2.50	25.00
3.	A	XANTHAN GUM (2% SOLN)	THICKENER/SUSPENDING AGENT	20.00	200.00
4.	A	TETRASODIUM EDTA	CHELATING AGENT	0.20	2.00
5.	B	OLETH-3 PHOSPHATE	DISPERSING AID	0.10	1.00
6.	B	GLYCERYL STEARATE(AND)PEG-100 STEARATE	EMULSIFIER	4.00	40.00
7.	B	CYCLOMETHICONE	EMOLLIENT	5.00	50.00
8.	B	POLYDECENE	EMOLLIENT	3.00	30.00
9.	B	ZENIGLOSS Castor Isostearate Succinate	EMOLLIENT	5.00	50.00
10.	B	RASPBERRY BUTTER, Octyl Dodecanol, Beeswax, Rubus Ideaus	SKIN CONDITIONER	3.00	30.00
11.	B	POTASSIUM CETYL PHOSPHATE	EMULSIFIER	1.50	15.00
12.	B	DIMETHICONE	EMOLLIENT	1.00	10.00
13.	C	ZINC OXIDE (AND) DIMETHICONE	SUNSCREEN	6.50	65.00
14.	E	PHENOXYETHANOL (AND) METHYLPARABEN (AND) PROPYL PARABEN (AND) ETHYLPARABEN (AND) BUTYLPARABEN (AND) ISOBUTYLPARABEN	PRESERVATIVE	2.10	21.00
15.	F	TOCOPHERYL ACETATE	ANTIOXIDANT	1.00	10.00
16.	G	FRAGRANCE	FRAGRANCE		
17.	H	SODIUM HYDROXIDE	PH ADJUSTER		
		Total		100	1000

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 HOLES. 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 40,000-70,000CPS

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