



Reference Formula

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皂化洗面乳(Blank)

EP-SC-CL-0070B_V1

FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function
A	12C	Lauric Acid	8.00%	Emulsifier/Thickener
	14C	Myristic Acid	11.50%	Emulsifier/Thickener
	18C	Stearic Acid	13.00%	Emulsifier/Thickener
B	KOH	Potassium hydroxide	6.60%	Emulsifier/Neutralizer
	D.I Water	D.I Water	15.00%	
	Glycerin	Glycerin	4.00%	Moisturizer
	PG	Propylene Glycol	15.00%	Moisturizer
C	ACULYN 44 Polymer¹	PEG-150/Decyl Alcohol/SMDI Copolymer	3.00%	Thickener/ Co-Emulsifier
	D.I Water	D.I Water	20.67%	
	EDTA-2Na	Edetate Disodium	0.05%	Chelating Agent
D	Beeswax Blend 166¹¹	Paraffin, Glyceryl palmitate/stearate, Cera alba, Stearic acid, CI 75120, CI75130	1.00%	Thickener
E	Olivem 300	Olive Oil PEG-7 Esters	2.00%	Emollient
F	Microcare MTI	Methylisothiazolinone/ Iodopropynyl Butylcarbamate	0.18%	Preservative

Suppliers: 1. Dow Chemical; 11. Paramelt

PROCEDURE

1. Heat Phase A and Phase B to 80-85°C.
2. Add Phase B to A with slowly stirring about 30 mins(keep 80-85°C).
3. Add phase C+D and stir until evenly mixed.(keep 70°C).
4. Add phase E+F at 45 ° C and mix well.

SPECIFICATION

APPEARANCE	: Pearly, Milky	
VISCOSITY	: approx. 16,400 ± 10% (49.2%)	(RVDV-E, RV6, 30rpm, 3 min, 25°C)
pH	: approx. 8.88 ± 0.5	(25°C)

Recommendations contained, herein this Reference Formula, are advisory only.

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