

SKIN CARE CREAM <Natural> ECJ-CP-2

A natural concept night cream formulation.

Challenge test result is available (Technical Data Sheet No. 1002-0290).

	(wt%)	
A SQUALANE	5.00	Emolient
SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL	5.00	Emolient
MACADAMIA TERNIFOLIA SEED OIL	5.00	Emolient
CAPRYLIC / CAPRIC TRIGLYCERIDE*1	5.00	Emolient
ELDEW PS-203	1.00	Emolient
ISOSTEARYL HYDROXYSTEARATE*2	2.00	Emolient
BUTYROSPERMUM PARKII (SHEA BUTTER)	2.00	Emolient
STEARYL ALCOHOL*3	3.80	Emulsion stabilizer
COPERNICIA CFRIFERA (CARNAUBA) WAX	0.10	Viscosity modifier
GLYCERYL STEARATE*4	2.90	Emulsifier
B XANTHAN GUM*5	0.20	Emulsion stabilizer
PROPANEDIOL*6	5.00	Moisturizer
WATER	Balance	
C SUCROSE PALMITATE*7	0.40	Co-emulsifier
AMISOFT HS-11P	0.20	Co-emulsifier
D SODIUM CITRATE	0.20	pH Adjuster
CITRIC ACID (20% aw.) *8	q.s.	pH Adjuster
E PRODEW P-DS-12 (30%)	1.67	Moisturizer
WATER	5.0	
F FRAGRANCE	q.s.	
	100.00	

- 1 Aqueous phase preparation: thoroughly disperse part B at room temperature.
- 2 Add part C and D to part B, dissolve at 85°C.
- 3 Oil phase preparation: mix part A well at 85°C.
- 4 Add the aqueous phase to the oil phase with stirring by homogenizer at 85°C.(3000rpm/3min.)
- 5 Cool down to 40°C with stirring by a mechanical stirrer.(50rpm)
- 6 Add part E and F with stirring by a mechanical stirrer (100rpm).
- 7 Cool down to room temperature with stirring by a mechanical stirrer.(50rpm)

- * 1 TCG-M KOKYU ALCOHOL KOGYO
- * 2 SCHERCEMOL SHS Ester LUBRIZOL
- * 3 KALCOL 8688 KAO
- * 4 NIKKOL MGS-BV2 NIKKO CHEMICALS
- * 5 KELTROL CG T CP KELCO
- * 6 ZEMEA PROPAEDIOL DUPONT TATE&LYLE BIOPRODUCTS □
- * 7 SURFHOPE SE COSME C-1615 MITSUBISHI KAGAKU FOODS
- * 8 The level of citric acid is presented as a rough guide.

pH 4.8

Viscosity 15,000 ~ 25,000 mPa·s (B type, Rotor No.4, 12rpm, 30sec., 25°C)

Stability 0, 25, 45°C, Cycle, for 1 month

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