

CAE Hair Treatment <Cream> BEC-38

CAE is the main conditioning agent in this hair treatment.

It is combined with a non-ionic emulsifier to improve viscosity, appearance and feel.

	Trade name	INCI Name	wt %	Function
A	Kalcol 4098 *1	Myristyl Alcohol	2.5	Thickener
	Alcohol No.20-B *2	Hydrogenated Rapeseed Alcohol	10	Thickener
	NIKKOL MGS-BV2 *3	Glyceryl Stearate	1	Emulsifier
	ELDEW® PS-203	Phytosteryl/Octyldodecyl Lauroyl Glutamate	1	Emollient
	Refined olive oil *4	Olea Europaea (Olive) Fruit Oil	5	Emollient
	Zemia select propandiol *5	Propanediol	3	Humectant
	Glycerin *1	Glycerin	5	Humectant
	PYROTEL CPI-40 *6	PEG-40 Hydrogenated Castor Oil PCA Isostearate	5	Emulsifier
B	CAE	PCA Ethyl Cocoyl Arginate	1	Conditioning agent
	Citric Acid	Citric Acid	0.1	pH adjuster
	Sodium Citrate	Sodium Citrate	0.06	pH adjuster
Total			100.0	

*1 Kao, *2 Kokyu Alcohol Kogyo, *3 NIKKOL, *4 Koei Kogyo, *5 Dupont, *6 NIHON Emulsion

<PROCEDURE>

1. Mix part A and stir at 85 °C until uniform.
2. Mix part B and stir at 85 °C until uniform.
3. Add part B to part A emulsifying with homo-mixer at 80 °C (3000rpm, 3min).
4. Cool to the room temperature with stirring.

<PHYSICAL PROPERTIES and STABILITY>

Appearance: White cream

pH: 3.9

Viscosity: 60,000mPa/s

Stability: -5°C, 50°C, Cycle for 1 month

5°C, 25°C, 40°C for 3 months / No problem

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