Hair Shampoo <Transparent> CSAN-220CP

Many natural ingredients are used for the formulation.
AMISOFT CS-22 and MS-11 provide rich foam and smooth hair feel.

		(wt%)	
A	**AMISOFT** CS-22(25%)	10,0	Foaming cleansing surfactant
	AMISOFT MS-11	1,0	Foaming cleansing surfactant
	DECYL GLUCOSIDE*1	8,0	Foaming cleansing surfactant
	DISODIUM COCO-GLUCOSIDE CITRATE(30%)*2	5,0	Solubilizer
	GLYCERIN	5,0	Humectant
	AJIDEW NL-50(50%)	2,0	Conditioning agent
	AMISAFE AL-01	0,2	Conditioning agent
	WATER	Balance	
	PRESERVATIVE	q.s.	
B	2% GUAR HYDROXYPROPYLTRIMONIUM CHLORIDE*3	26,6	Conditioning agent
B	2% XANTHAN GUM*4	15,0	Thickening polymer
C	CITRIC ACID 10% aq.*5	2,8	pH adjustment
		100,0	

1 Heat part A to 80 ^{o}C with stirring and dissolve.

2 Add part B to A while stirring slowly and mix well at 80 ^{o}C

3 Add part C to A+B while stirring slowly and mix well at 80 ^{o}C

4 Add part D and mix well.

*	1	Plantacare 2000up	BASF
*	2	Eucarol AGE EC	Lamberti SpA
*	3	JAGUAR EXCEL	Solvay Novecare
*	4	Keltrol CG-SFT	CP Kelco
*	5	The level of citric acid is presented as a rough guide.	

pH	5,9
Viscosity	4,000mPa.s (B type, rotor No.3, 12rpm, 30sec., 25°C)
Stability	-5°C, 25°C, 45°C, Cycle(-5, 40°C) for 3 months