

## 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 <b>AMISOFT CS-22(25%)</b>	10,0	Foaming cleansing surfactant
<b>AMISOFT MS-11</b>	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
<b>AJIDEW NL-50(50%)</b>	2,0	Conditioning agent
<b>AMISAFE AL-01</b>	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 °C with stirring and dissolve.
- 2 Add part B to A while stirring slowly and mix well at 80 °C
- 3 Add part C to A+B while stirring slowly and mix well at 80 °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

\* Note; The information is provided based upon our technical data and present knowledge. However, we make no warranties, expressed or implied, and assume no liabilities in connection with any use of the information with respect to specific property, safety and suitability for a specific application. It is also not guaranteed that use of the information does not fall within the scope of any intellectual property rights.