ACAC FORMULATION

Sep.2012

Body Wash <Clear> BSB-21

An extremely mild sulfate-free shower gel.
AMISOFT leaves pleasant soft and moisturized feel to the skin.

		(wt%)	
A	**AMISOFT** ECS-22SB (30%)	7.5	Secondary surfactant
	COCAMIDOPROPYL BETAINE(30%)*1	26.3	Primary surfactant
	DECYL GLUCOSIDE (50%)*2	4.5	Co-surfactant
	COCAMIDE MEA*3	1.0	Viscosity modifier
	PEG-120 METHYL GLUCOSE TRIOLEATE AND PROPANEDIOL*4	2.53	Thickening polymer
	AJIDEW NL-50 (30%)	2.0	Moisturizer
	WATER	balance	
B	POLYSORBATE 20*5	1.5	Solubilizer for fragrance
	FRAGRANCE		
C	10% CITRIC ACID Q.S. to 5.80 *6	2.32	pH adjustment
D	PRESERVATIVE	q.s.	
		100.0	

1 Heat part A about 60-70 degC.
2 Add part B to part A.
3 Cool down to room temperature.
4 Add part C and D to mixture with gentle stirring.

* 1 MIRATAINE BET C30 NP   SOLVAY
* 2 PLANTACARE 2000UP   BASF
* 3 NINOL COMF   STEPHAN
* 4 GLUCAMATE VLT Thickener   LUBRIZOL
* 5 POLYSORBATE 20   NOF
* 6 The level of citric acid is presented as a rough guide.

pH   5.88
Viscosity   1,000 ~ 1,600 mPa·s
Stability   1, 25, 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.