

FACIAL WASH <Paste> GSW-44-22

Facial cleanser containing AMISOFT ECS-22W provides gentle foam and moisturizing after feel with a PEG-free concept and can be prepared without vacuum system. AJIDEW NL-50 contains PCA, which is known as a component of NMF, helps to prevent moisture loss on skin.

	Trade name	INCI Name	wt %	Function
A	AMISOFT ECS-22W (30%)	Disodium Cocoyl Glutamate	22.20	Mild surfactant
	MIRANOL ULTRA L-32 (30%) *1	Sodium lauroamphoacetate	8.90	Secondary surfactant
	MACKAM 50SB (40%)*2	Cocamidopropyl hydroxysultaine	6.27	Foam booster
	SODIUM BENZOATE *3	Sodium benzoate	0.20	Preservative
B	OPULYN 301 *4	Styrene/ acrylates copolymer (and) aqua	2.00	Opacifier
	DEIONISED WATER	Water	q.s.	
C	CARBOPOL AQUA SF-1 *5	Acrylates copolymer	3.30	Stabilizer
	DEIONISED WATER	Water	5.00	
D	SORBITOL 70% *6	Sorbitol	20.00	Humectant
E	AMISOFT HS-11P	Sodium stearoyl glutamate	0.50	Co-emulsifier
F	STRUCTURE XL *7	Hydroxypropyl starch phosphate	2.00	Stabilizer
G	AJIDEW NL-50 (50%)	Sodium PCA, Water	2.00	Moisturizer
H	CITRIC ACID (50% aq)	Citric acid	4.85	pH adjuster

*1, 2 SOLVAY , *3 EMERALD KALAMA CHEMICAL, *4 DOW , *5 LUBRIZOL ,
*6 TAIWAN FRUCTOSE, *7 NOURYON

<PROCEDURE>

1. Premixed Part A, B, C at room temperature
2. Mix Part A, B, C, D together at room temperature
3. Heat the mixture to 60-70 ° C
4. Add Part E, F and G
5. Cool down to room temperature with stirring
6. Adjust pH with Part H

<PHYSICAL PROPERTIES and STABILITY>

Appearance: Whitish

pH: 5.1

Viscosity: 282,000 mPa·s (Model:LVDV-II+Pro,1.5rpm,64 spindle, 30sec., 25°C)

Stability: 5°C, 25°C, 45°C, 50°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.