

ACAC FORMULATION

Aug.2012

Soap Based Facial Wash <Paste type> ACAC- MTS-68-35

AMILITE ACS-12 improves foam stability and leaves silky skin feel .

AJIDEW NL-50 gives moisturized skin feel

	(wt%)	
A LAURIC ACID*1	3.00	Primary surfactant
MYRISTIC ACID*2	18.00	Primary surfactant
PALMITIC ACID*3	3.00	Primary surfactant
STEARIC ACID*4	6.00	Primary surfactant
GLYCERIN	30.00	Humectant
PROPANEDIOL	5.00	Humectant
B WATER	balance	
PRESERVATIVE	q.s.	
POTASSIUM HYDROXIDE(85%)*5	6.24	Neutralizing agent
C AMILITE ACS-12 (30%)	12.00	Foam stabilizer
D AJIDEW NL-50 (50%)	2.00	Moisturizer
E FRAGRANCE	q.s.	
	100.00	

- 1 Heat part A at around 80 ~ 85 °C until homogeneous.
- 2 Heat part B at around 70 ~ 75 °C, add part B to part A slowly and continuously.
- 3 Add part C to the mixture at around 65 ~ 75 °C.
- 4 Keep stirring until uniform and cool down to room temperature.
- 5 Add part D and part E and keep stirring until uniform.

* 1	LAURIC ACID	PACIFIC OLEOCHEMICALS SDN BHD
* 2	MYRISTIC ACID	PACIFIC OLEOCHEMICALS SDN BHD
* 3	PALMITIC ACID	PACIFIC OLEOCHEMICALS SDN BHD
* 4	STEARIC ACID	NOF
* 5	POTASSIUM HYDROXIDE(85%)	SOLVAY CHEMICAL

pH(15% solution)	9.8
Viscosity	-
Stability	1, 25, 45°C, Cycle(-5 <=> 40 °C) for 3 mont

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.