

ACAC FORMULATION

May. 2013

Facial Wash <Pearl> ACAC-FSB-11

This is a sulfate-free facial wash featuring **AMISOFT ECS-22SB** as a mild primary surfactant. **AMIHOPE LL** is incorporated using recrystallization method in order to provide luxurious appearance and silky skin feel.

AJIDEW NL-50 enhances the moisturized skin feel

	(wt%)	
A AMISOFT ECS-22SB (30%)	37.500	Primary surfactant
COCAMIDOPROPYL BETAINE (30%)*1	30.000	Secondary surfactant
DECYL GLUCOSIDE (50%)*2	9.000	Viscosity modifier
COCAMIDE MEA*3	6.000	Foam booster
WATER	balance	
B ACRYLATES COPOLYMER (30%)*4	4.000	Thickening agent
WATER	1.500	
C AJIDEW NL-50 (50%)	2.000	Moisturizer
D AMIHOPE LL	0.250	Pearlizing agent
SODIUM HYDROXIDE	0.054	Solubilizing AMIHOPE LL
WATER	0.696	
LAURYL GLUCOSIDE (50%)*5	0.300	Viscosity modifier
DECYL GLUCOSIDE (50%)*2	0.300	Viscosity modifier
30% CITRIC ACID aq.	0.400	Neutralizer
E PRESERVATIVE	q.s.	
F 10% CITRIC ACID aq to pH 5.8 *6	7.500	pH adjuster
	100.000	

- 1 Prepare part D first by solubilizing the **AMIHOPE LL** in a sodium hydroxide solution and add the rest of part D i
Also refer to Technical Data Sheet No. 0501-0261E for detail.
- 2 Mix part A with gentle stirring and heating at around 60 ~ 70 °C.
- 3 Disperse part B and add into part A with stirring.
- 4 Add part C , D, E and F into the mixture.
- 5 Keep stirring gently until uniform.

- * 1 MIRATAINE BET C-30 RHODIA
- * 2 PLANTACARE 2000UP BASF
- * 3 NINOL COMF STEPAN
- * 4 CARBOPOL AQUA SF-1 POLYMER LUBRIZOL
- * 5 PLANTACARE 1200UP BASF
- * 6 The level of citric acid is presented as a rough guide

pH 6.0
Viscosity 34,000 ~ 40,000 mPa·s (rotor No.4, 3rpm, 30sec., 25.4 °C)
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.