

ACAC FORMULATION

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3 in 1 Hair-Face-Body cleanser for Men<Transparent > ACAC-SH160420-1

A convenient top to toe cleanser for men. **AMILITE GCK-12H** maintains excellent foam quality for oily hair/scalp cleansing, shaving and shower .

	(wt%)	
A LAURIC ACID	10.0	Primary surfactant
MYRISTIC ACID	2.0	Primary surfactant
DIPROPYLENE GLYCOL	10.0	Humectant
B AMILITE GCK-12H (30%)	10.0	Mild Surfactant & Foam Booster
SODIUM COCOAMPHOACETATE(32%)*1	5.60	Foam booster
COCO-GLUCOSIDE(30%)*2	4.0	Foam booster
C ACRYLATES/BEHENETH-25 METHACRYLATE COPOLYMER	10.0	Thickening polymer
WATER	15.0	
D POTASSIUM HYDROXIDE q.s. to pH 9.5	5.00	Neutralizing agent
WATER	balance	
E PRESERVATIVE	q.s.	

- 1 Heat A at around 70-80 °C.
- 2 Heat D at around 70-80°C.
- 3 Add part B and part C to part A at around 70-80 °C.
- 4 Add part D to mixture of ABC at around 70-80 °C with stirring.
- 5 Cool down to room temperature and add part E.
- 6 Keep stirring until uniform.

- * 1 MIRANOL C-32 SOLVAY
- * 2 ECOSENSE 919 DOW CHEMICAL
- * 3 NOVATHIX L-10 LUBRIZOL

pH 9.5
Viscosity 1,300-1,400 mPa.s(64,30rpm, 30sec.,25°C)
Stability 5, 25, 45,50°C, Cycle(-5<=>40° C) for 3 months

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