

ACAC FORMULATION

March.2014

Body wash <Pearl> ACAC-BW-131219-14

This mix-based body wash has a luxurious pearly appearance.
AMILITE GCK-12H provides excellent foaming and silky skin feel.
Addition of **AJIDEW NL-50** enhances soft skin feel.

| | (wt%) | |
|------------------------------------|---------|----------------------|
| A LAURIC ACID | 5.8 | Primary surfactant |
| MYRISTIC ACID | 1.9 | Primary surfactant |
| PALMITIC ACID ACID | 1.6 | Primary surfactant |
| GLYCERIN | 3.0 | Humectant |
| GLYCOL DISTEARATE*1 | 1.0 | Pearlizing agent |
| B SODIUM LAURETH SULFATE(70%)*2 | 6.0 | Secondary surfactant |
| COCAMIDOPROPYL BETAINE(30%)*3 | 6.0 | Foam booster |
| AMILITE GCK-12H(30%) | 10.0 | Foam booster |
| AJIDEW NL-50(50%) | 0.5 | Moisturizer |
| WATER | balance | |
| C HYDROXYPROPYL METHYL CELLULOSE*4 | 0.8 | Thickening agent |
| WATER | 25.0 | |
| D POTASSIUM HYDROXIDE(85%) | 2.5 | Neutralizing agent |
| WATER | 10.0 | |
| E SODIUM CHLORIDE | 1.0 | Viscosity modifier |
| F PRESERVATIVE | q.s. | |
| | 100.0 | |

- 1 Heat part A at around 70-80 °C.
- 2 Mix part B in advance and add to part A at around 70-80 °C.
- 3 Add part D to mixture with stirring at around 70-80 °C.
- 4 Add part E at around 60-70°C.
- 5 Cool down to room temperature.
- 6 Add part C.
- 7 Add part F to mixture and keep stirring until uniform.

- * 1 CUTINA AGST BASF
- * 2 TEXAPON N70 BASF
- * 3 DEHYTON K BASF
- * 4 BENECEL HPMC ASHLAND

pH 8.3
Viscosity 4,000-4,200 mPa.s(64, 30rpm, 30sec.,25°C.)
Stability 1, 25, 45, 50°C, Cycle(-5, 40degC) for 3 months

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