

Facial Wash Paste UDFV-62

A facial wash paste formulation that is using **AMILITE®** GCK-12H as a primary surfactant.

This formulation makes high volume of dense and creamy foam. furthermore it is stable even in storage at high temperature.

Part	INCI Name	(wt%)	Function
A	GLYCERIN	5.00	Humectant
	ACRYLATES COPOLYMER (30%) *1	3.33	Thickener
	WATER	12.00	
B	SODIUM LAUROAMPHOACETATE (27%) *2	22.00	Co-surfactant
	AMILITE® GCK-12H (30%)	41.00	Mild surfactant, Foaming agent
C	PETROLATUM *3	10.00	Coating agent
D	HYDROXY PROPYL STARCH PHOSPHATE *4	2.00	Stabilizer
E	CITRIC ACID (20% soln.)	3.46	pH adjuster
F	PRESERVATIVE	q.s.	
	FRAGRANCE	q.s.	
G	WATER	Balance	
Total		100.00	

- 1 Mix part A at room temperature.
- 2 Add part B to part A in sequence with gentle stirring.
- 3 Melt part C at 80 degrees, add part D to part C to make homogeneous dispersion.
- 4 Add part C to part A with gentle stirring at 80 degrees.
- 5 Add part E to part A with gentle stirring at 80 degrees.
- 6 Cooling down to 45 degrees with stirring, then add part F to part A.
- 7 Add part G, then cooling down to room temperature with gentle stirring.

*1	Carbopol Aqua SF-1 Polymer	Lubrizol
*2	SOFTAZOLINE LHL	Kawaken Fine Chemical
*3	Sunwhite P-200	Nikko Rika
*4	STRUCTURE XL	Akzo Nobel

Appearance: White paste

pH: 7.0

(Direct measurement)

Viscosity: 30,000-40,000 mPa·s

(B-type, rotor No.4, 12 r.p.m., 30 sec., 25C)

Stability: -5, 5, 25, 40, 45, 50°C, Cycle(0-45°C)

/3month

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