

FORMULATION

Pearl Shave Cream

#LPC-25-1

Overview

Experience the ultimate shave with our pearlized shave cream enriched with Soltellus 2501L. This luxurious formula delivers exceptional glide, superior hydration, and a smooth, comfortable shave. Soltellus's humectant properties lock in moisture, leaving skin feeling soft and refreshed, while its chelating abilities help soften hard water and prevent mineral buildup on the razor, ensuring a cleaner, closer shave while minimizing irritation.

Composition

Trade Name	INCI	% w/w
DI Water	Water	59.05
Hydroxyethylcellulose	Hydroxyethylcellulose	1.00
Potassium Hydroxide Solution 18%	Potassium Hydroxide	0.05
Acme-Hardesty Glycerin 99%	Glycerin	3.00
Decyl Glucoside	Decyl Glucoside	4.00
AH Triple Pressed Stearic Acid	Stearic Acid	10.00
AH Myristic Acid	Myristic Acid	5.00
AH Palmitic Acid	Palmitic Acid	3.00
AH Coconut Fatty Acids 745	Coconut Acid	3.00
Potassium Hydroxide	Potassium Hydroxide	3.00
DI Water	Water	6.00
Soltellus 2501L	Sodium Polyaspartate	2.00
Sharomix EG-10	Phenoxyethanol (and) Ethylhexylglycerin	0.90
		100.00

Procedure

1. In main vessel add water and begin propeller mixing.
2. Slowly add hydroxyethylcellulose to main vessel, continue propeller mixing, begin heating to 80°C.
3. When hydroxyethylcellulose is dispersed add potassium hydroxide solution, continue mixing, HEC will begin to hydrate.
4. In side vessel combine fatty acids. Begin heating to 80°C while slowly mixing.
5. When HEC is fully hydrate slowly add glycerin and decyl glucoside to main vessel, continue mixing and heating to 80°C.
6. When both main vessel and side vessel are 80°C slowly add side vessel to main vessel, continue mixing and maintain temperature.
7. To prepare KOH solution slowly add KOH pellets to beaker of prepared quantity of water, slowly mix.
8. When KOH solution is prepared slowly add to main vessel, continue mixing, begin slowly cooling.
9. When batch temperature reaches 70°C add Soltellus to main vessel, continue mixing and cooling.
10. When batch temperature reaches 50°C add Sharomix EG-10 to main vessel, continue mixing and cooling.
11. When batch temperature reaches 40°C shutdown batch, pearl will form over next 48 hours.

Technical Specifications

Parameter	Value
pH (as is)	7.00-8.00
Viscosity (cPs)	80,000-100,000 cps