

Foaming Shower Crème

Natural exotic oils and 100% bio-based Itaconix® VELASOFT™ work in synergy for a luxurious body wash with dense creamy lather that moisturizes as it cleans to leave soft, nourished skin feel.

#	INCI Name, Trade Name	Purpose	%W/W
A	1 DI Water	Diluent	43.00
	2 Acrylates/C20-30 Alkyl Acrylate Crosspolymer <i>Carbopol® Ultrez 20</i>	Rheology Modifier	0.90
	3 Sodium Laureth Sulfate <i>Calfoam® ES-302</i>	Surfactant	35.00
	4 Water + Sodium Benzoate + Gluconic Acid <i>Natural Preservier™</i>	Preservative	1.00
	5 Sodium Polyitaconate <i>Itaconix® VELASOFT™</i>	Skin Conditioner	2.00
	6 20% Sodium Hydroxide Solution	pH Adjuster	1.10
	7 Cocamidopropyl Betaine <i>Caltaine® C-35</i>	Surfactant	8.00
B	8 Camellia Seed Oil	Emollient	2.00
	9 Perilla Seed Oil	Emollient	1.00
	10 Rice Bran Butter	Emollient	3.00
	11 Quinoa Seed Oil	Emollient	3.00

Product Properties:

Appearance	Creamy liquid
pH	5.0 – 5.5
Viscosity	31,000 cps

Procedure:

- Heat water to 50°C and mix to create a vortex.
- Add Carbopol® (2) and mix until fully dispersed.
- Add Calfoam® (3), mix until uniform.
- Add Natural Preservier™ (4) and mix until dispersed.
- Add Itaconix® VELASOFT™ (5) mix until dissolved.
- Measure pH & adjust to 5.0 – 5.5 with Sodium Hydroxide (6).
- Add Caltaine® (7) with moderate mixing. Start heating to 50°C.
- In a separate container, combine ingredients 8 – 11 and heat to 50°C.
- Add oil phase to water phase with vigorous mixing making sure oil is well incorporated into water. Mix until uniform.
- Cool to ambient room temperature with slow to moderate mixing.
- Measure pH & adjust to 5.0 – 5.5 with Sodium Hydroxide (6) if needed.

Supplier References:

Itaconix Corporation (5) Lubrizol (2) Harcros (3, 4, 7)
Premier (8, 9, 10, 11)