

Base Cream

Part	Ingredient (Trade name)	Ingredient (INCI name)	% w/w	Function	Supplier
A	Water	Water	add.100	Solvent	
	2NaEDTA	Disodium EDTA	0.10	Chelating Agent	
	Glycerine	Glycerine	5.00	Humectant	Rubia
	Veegum Ultra	Magnesium Aluminum Silicate	2.00	Rheology modifier	Vanderbilt Minerals
	Vanzan NF-C	Xanthan gum	1.00	Thickener	Vanderbilt Minerals
B	Phosphatech B99	Sodium Polyacrylate,Lecithin,Tocopherol	2.00	Emulsifier	BJCS
	Myritol® 318	Caprylic/Capric Triglyceride	5.00	Emollient	
	Silike 350 GPG	Corn glycerides and sorbitol	3.00	Skin-Conditioning Agent	Maian
C	SLM2038	Water,Caprylic/Capric Triglyceride,Hydrogenated Phosphatidylcholine, Pentylene Glycol, Glycerin, Butyrospermum Parkii (Shea) Butter, Squalane	5.00	Cream maker	Lipoid
	D-Femo	PEG/PPG-17/6 Copolymer	1.00	Moisturizer	Sambo
D	Epi-Nilus GG	Glyceryl Glucoside,Glycerin,Water	2.00	Moisturizer	Sambo
	Velvet gel	Water, Methylpropanediol, Pullulan,Cellulosegum, 1,2-Hexandiol	1.00	Moisturizer	Sambo
E	Purox S	Sodium benzoate	0.50	Preservative	Emerald Kalama
	Microcare PHC	Phenoxyethanol,Chlorphenesin,Glycerin	0.50	Preservative	

Procedure

- 1.Add 2NaEDTA and Glycerine to the water while stirring with a propeller mixer at 70°C , mixing for 5 min.
2. Mix Veegum Ultra and Vanzan NF-C slowly add to A , agitated at maximum available shear
- 3.Disperse PhosphaTech B99 in Caprylic/Capric Triglyceride and Silike 350 GPG at 70°C
- 4.Add B slowly into A ; homogenize for 15 minutes at 70°C.
5. Cool while mixing slowly to 50°C.
- 6.Add C and D while continuous stirring until homogeneous.
- 7.Add E and mix until uniform.

Appearance : High viscosity paste

pH : 5.6

Spindle, rpm : 64 ,10 rpm

Viscosity 0 hr @RT : N/A

Viscosity 24 hr @RT : 51480 cps 85.8%
(Brookfield LV DV-I+)