

# Natural Cream Base No.2

CR20009-07

PHASE	INGREDIENT NAME	INCI NAME	% W/W	FUNCTION	SUPPLIER
A	DI Water	Water	61.68	Solvent	
	Veegum Ultra	Magnesium Aluminum Silicate	1.00	Rheology Modifier	Vanderbilt
	Activonol BG	Butylene Glycol	5.00	Humectant	Kaneda
	Vanzan NF-C	Xanthan Gum	0.50	Thickener	Vanderbilt
B	Phosphatch B99	Sodium Polyacrylate, Lecithin, Tocopherol	2.00	Emulsifier	BJC Specialties
C	Silike 200	Propylene Glycol, Glycerin Glucose	8.00	Natural Silicone Alternative (Dimethicone 200)	Maian
	Epi-Nilus GG	Glyceryl Glucoside, Glycerin, Water	1.00	Moisturizing Adjuster	Sambo
D	SLM Eco	Water, Caprylic/Capric Triglyceride, Hydrogenated Phosphatidylcholine, Pentylene Glycol, Glycerin, Butyrospermum Parkii Butter, Squalane, Ceramide NP	15.00	Cream Matrix	Lipoid
E	DI Water	Water	5.00	Solvent	
	Purox S	Sodium Benzoate	0.53	Preservative	Emerald Kalama
	Potassium Sorbate	Potassium Sorbate	0.30	Preservative	

## Procedure

1. Disperse Veegum Ultra in water at 70-75°C while stirring with a propeller mixer for 15 min
2. Add Vanzan NF-C and Activonol BG and mix until homogeneous
3. Add Phosphatch B99 into part A and mix until homogeneous
4. Slowly add part C and D into part AB while stirring at 70-75°C for 10 minutes
5. Homogenize for 5 minutes at 70-75°C until homogeneous
6. Cool down while slowly mixing to 50°C
7. Add part E and mix until homogeneous

## Technical Data

Appearance: Opaque emulsion

pH: 5.73

Spindle, rpm: LV64, 100

Viscosity 0 hr @RT: N/A

Viscosity 24 hr @RT: 4500 cps (75.0%)

(Brookfield LV DV-1+)

Natural and natural origin percentage: 97.17%

