MY GO-TO FACE CREAM

with Satiagum™ VPC 430, Satiagel™ VPC 614, Floralipids™ Moringa Oil Refined, Floramac™ 10 and StarDesign™ Care

Meet your new daily skincare essential. Delight yourself with the silky spreading of **Floramac™ 10**, while the combination of carrageenans and **StarDesign™ Care** creates a viscous texture offering both richeness and a soft afterfeel cream.

Enrich the experience with **Floralipids™ Moringa Oil**, providing a luxurious skin feel and weaves a cream that effortlessly earns its place as your go-to choice.

Phase	Trade Name	INCI	Supplier	Function	%WT
A	Deionized water	Aqua	---	---	74.27
	Refined Glycerin	**Glycerin**	**Cargill**	**Humectant**	**5.00**
B	**Satiagum™ VPC 430**	**Carrageenan**	**Cargill**	**Rheology Modifier**	**0.30**
	Satiagel™ VPC 614	**Carrageenan**	**Cargill**	**Rheology Modifier**	**0.20**
C	**Floralipids™ Moringa Oil Refined**	**Moringa Oleifera Seed Oil**	**Cargill**	**Moistirizing Emollient**	**8.00**
	Floramac™ 10	**Ethyl Macadamiate**	**Cargill**	**Silicone Alternative Emollient**	**4.00**
	StarDesign™ Care	**Hydroxypropyl Starch Phosphate**	**Cargill**	**Thickener & Consistency Agent**	**2.00**
	Tegin M Pellets MB	Glyceryl Stearate	Evonik	Emulsifier	1.50
	Axol C62 Pellets MB	Glyceryl Stearate Citrate	Evonik	Co-emulsifier	1.50
	Cetyl alcohol	Cetyl Alcohol	Mosselman	Consistency Agent	2.00
D	Euxyl K712	Sodium Benzoate (and) Potassium Sorbate (and) Aqua	Ashland	Preservative	1.00
E	Mure Fragrance	Fragrance	Aromat'Easy	Fragrance	0.20
F	Citric Acid (50%)	Citric Acid	VWR	pH adjuster	0.03

CHARACTERISTICS

- **pH:** 5.42
- **Viscosity:** 19600 - 20600 mPa.s (Brookfield RVDV 2T, RV6, 20 rpm, 1min)
- **Appearance:** white viscous cream
- **Stability:** passed 2 months at RT and 45°C

Cargill Beauty
Unleashing Nature
Sustainably

PROCESS

1. Preheat Floralipids Moringa Oil Refined at 45°C-50°C in the oven or water bath until one transparent homogeneous phase is obtained
2. Weight all the ingredients of phase C and heat it to 75°C
3. Weight the glycerin in the main beaker then the water and heat phase A around 75-80°C
4. Weight both of the carrageenan in a separate beaker
5. Disperse the mix of carrageenan in the phase A while mixing with a homomixer (UltraTurrax R/S head, 5000 rpm, 5min)
6. Add phase C to phase A+B in three portions, while mixing with Silverson L5M-A (4000 rpm, 5min in total)
7. Let the mixture cool down slowly to around 25-30°C with a blade
8. Add phase D and E under slow stirring (until the emulsion is homogeneous)
9. Compensate any water loss
10. Adjust the pH around 5.5 with phase F