

# 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 richness 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
	<b>Refined Glycerin</b>	<b>Glycerin</b>	<b>Cargill</b>	<b>Humectant</b>	<b>5.00</b>
B	<b>Satiagum™ VPC 430</b>	<b>Carrageenan</b>	<b>Cargill</b>	<b>Rheology Modifier</b>	<b>0.30</b>
	<b>Satiagel™ VPC 614</b>	<b>Carrageenan</b>	<b>Cargill</b>	<b>Rheology Modifier</b>	<b>0.20</b>
	<b>Floralipids™ Moringa Oil Refined</b>	<b>Moringa Oleifera Seed Oil</b>	<b>Cargill</b>	<b>Moisturizing Emollient</b>	<b>8.00</b>
	<b>Floramac™ 10</b>	<b>Ethyl Macadamiate</b>	<b>Cargill</b>	<b>Silicone Alternative Emollient</b>	<b>4.00</b>
C	<b>StarDesign™ Care</b>	<b>Hydroxypropyl Starch Phosphate</b>	<b>Cargill</b>	<b>Thickener &amp; Consistency Agent</b>	<b>2.00</b>
	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

## 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



**PATENTS AND REGULATIONS** The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force.

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