



a Cargill company

# Cushion cream

with Satiagel™ VPC 614 & Satiagum™ VPC 430



This cushion cream is an example of a solid and breakable cream, achieved by combining **Satiagum™ VPC 430** (lambda carrageenan) and **Satiagel™ VPC 614** (kappa carrageenan). It's a very innovative texture, like a cushion under your finger that will melt while spreading on your skin.

StarDesign™ Care has been added to this formula to bring richness during the application and to provide a soft afterfeel.

With 99% nature-derived ingredients (according to ISO 16128), it perfectly meets consumer demand for more natural and sustainable cosmetic formulations.



## CHARACTERISTICS

- **pH:** 5.5
- **Viscosity (Brookfield RV DV-II + Pro - 20 rpm – 2 min):**  
25 000 – 30 000 mPa.s
- **Appearance:** solid cream
- **Stability :** passed 2 months stability at RT & T45°C

Phase	Trade Name	INCI	Supplier	%WT
A	Demineralized Water	Aqua		Q.S.100
B	<b>Satiagum™ VPC 430</b>	<b>Carrageenan / Chondrus crispus (carrageenan) extract</b>	<b>Cargill</b>	<b>0.20</b>
	<b>Satiagel™ VPC 614</b>	<b>Carrageenan / Chondrus crispus (carrageenan) extract</b>	<b>Cargill</b>	<b>0.30</b>
C		Caprylic Capric Triglyceride		15.00
	<b>StarDesign™ Care</b>	<b>Hydroxypropyl Starch Phosphate</b>	<b>Cargill</b>	<b>2.00</b>
		Glyceryl stearate		1.50
		Glyceryl stearate citrate		1.50
		Cetyl alcohol		2.00
D		Aqua, Sodium Benzoate, Potassium Sorbate		1.00
E	(Blackberry fragrance)	Parfum, Limonene, Linalool, Alpha-Isomethyl ionone, Citronellol, Eugenol, Citral, Geraniol, Benzyl alcohol		0.20

## PROCESS

1. Prepare phase C and warm it around 75°C
2. Warm phase A around 75-80°C then add phase B in phase A and mix for 5 min (Ultra-Turrax IKA T-25, 5000rpm)
3. Add Phase C in phase A+B in three portions under stirring (Silverson L5M-A 4000rpm, 5min in total).
4. Add phase D and mix quickly until the emulsion is homogenous.
5. Let it cool down below 40-45°C with a propeller then add phase E
6. Adjust the pH to around 5-5.5.

## 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. 06/2021

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