

CUSHION CREAM

with Satiagel™ VPC 614 and
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.

Phase	Trade Name	INCI	Supplier	%WT
A	Demineralized water	Aqua	Cargill	q.s. 100
B	Satiagum™ VPC 430	Chondrus crispus (carrageenan) extract	Cargill	0.20
	Satiagel™ VPC 614	Chondrus crispus (carrageenan) extract	Cargill	0.30
C		Caprylic Capric Triglyceride		15.00
	StarDesign™ Care	Hydroxypropyl Starch Phosphate	Cargill	2.00
		Glyceryl stearate		1.50
		Glyceryl stearate citrate		1.50
		Cetyl alcohol	Cargill	2.00
D	Euxyl® K712	Aqua, Sodium Benzoate, Potassium Sorbate	Schülke & Mayr	1.00
E	Blackberry fragrance	Parfum, Limonene, Linalool, Alpha-Isomethyl ionone, Citronellol, Eugenol, Citral, Geraniol, Benzyl alcohol	Symrise	0.20

CHARACTERISTICS

- **pH:** 5.5
- **Viscosity:** 25000 - 30000 mPa.s
- **Appearance:** solid white cream
- **Stability:** passed 2 months stability at RT & T45°C

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.

