**Warm me up - Shower jelly monodose**

with Satiagel™ VPC 614, Satiagel™ VPC 508 P & Satiagum™ VPC 430

This Shower jelly monodose is an example of a solid, transparent & elastic gel without syneresis, obtained by combining Satiagum™ VPC 430 (lambda carrageenan), Satiagel™ VPC 508 P (iota carrageenan) and Satiagel™ VPC 614 (kappa carrageenan). This shower gel monodose highlights the high gellyfying properties of the iota & kappa carrageenan in a fun product and texture. In contact with hot water, the monodose will melt on your skin. With 99% nature-derived ingredients (according to ISO 16128), it perfectly meets consumer demand for more natural and sustainable cosmetic formulations.

**CHARACTERISTICS**

- **pH:** 4.5
- **Appearance:** solid and transparent gel
- **Stability:** passed 2 months stability at RT & T45°C

**Phase** | **Trade Name** | **INCI** | **Supplier** | **% WT**
---|---|---|---|---
A | Water | Water | Cargill | 47.90
B | Refined glycerin | Glycerin | Cargill | 24.00

|  | Satiagum™ VPC 430 | Carrageenan / Chondrus crispus (carrageenan) extract | Cargill | 0.22
|  | Satiagel™ VPC 508 | Carrageenan / Chondrus crispus (carrageenan) extract | Cargill | 1.78
|  | Satiagel™ VPC 614 | Carrageenan / Chondrus crispus (carrageenan) extract | Cargill | 0.50

|  | Sodium Methyl 2-Sulfolaurate (and) Disodium 2-Sulfolaurate | 10.00
|  | Decyl Glucoside (and) Polyglyceryl-10 Caprylate/Caprate (and) Coco Glucoside (and) Glyceryl Oleate | 10.00
|  | Refined glycerin | Glycerin | Cargill | 2.00

|  | Gluconolactone (and) Sodium Benzoate (and) Calcium Gluconate | 1.00
|  | Fragrance | CI 42090 | 1.50
|  | | | 1.00

**Process:**

1. Start with Phase A and begin heating to 70-75°C.
2. Phase B: weigh out Carrageenan’s into a weigh boat and mix with the glycerin. Once mixed, slowly add to Phase A under light propeller mixing. Batch will get thick as you add Phase B. Continue heating to 70°C.
3. Add surfactants in Phase C and glycerin, one by one. Let each one mix for a few minutes before adding the next. Avoid aeration.
4. Add the preservative first and let mix fully before adding fragrance and colorant of Phase D. Batch needs to be at 70°C, otherwise it will start to solidify and aeration will happen. Once Phase D is mixed, pour into desired containers and cool.