Glide shaving gel
with Satiagum™ VPC 430

This shaving gel formulation highlights the viscosifying properties as well as the gliding effect of Satiagum™ VPC 430 (lambda carrageenan). This formula improves the razor glide on the skin. With 99% nature-derived ingredients (according to ISO 16128), it perfectly meets consumer demand for more natural and sustainable cosmetic formulations.

CHARACTERISTICS

• pH (1% in water): 5.5 - 6
• Viscosity (Brookfield RV DV-II + Pro - 20 rpm – 2 min): 4500 – 6500 mPa.s
• Appearance: translucent and viscous gel
• Stability: passed 2 months stability at RT & T45°C

Phase | Trade Name | INCI | Supplier | % WT
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A | Demineralized Water | Aqua | Q.S. | 
Satiagum™ VPC 430 | Carrageenan/ Chondrus crispus (carrageenan) extract | Cargill | 2.00
| | Aloe barbadensis leaf juice powder | | 0.40
| | Allantoin | | 0.20
| | Hyaluronic acid | | 0.10
B | Refined Glycerin | Glycerin | Cargill | 15.00
C | Lavandula angustifolia oil | | 0.05
| | Coco-glucoside | | 1.25
| Demineralized Water | Aqua | | 4.00
D | Aqua, Sodium Benzoate, Potassium Sorbate | | 1.00
| | CI 17200/Red 33 | | 0.12
| | CI 42090/Blue 1 | | 0.09

Process:
1. Prepare phase A and mix it (Ultra Turrax IKA T-25; 9000rpm; 10min)
2. Add phase B in phase A and mix (Ultra Turrax IKA T-25; 9000rpm; 5min)
3. Prepare phase C in a separate beaker then add it to phase A under stirring (Turbotest VMI EVO STD; 1000rpm)
4. Add phase D under stirring (Turbotest VMI EVO STD; 1000rpm)
5. Adjust pH to around 5-5.5