

# 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.

Phase	Trade Name	INCI	Supplier	%WT
A	Demineralized water	Aqua	Cargill	q.s.
	<b>Satiagum™ VPC 430</b>	<b>Chondrus crispus (carrageenan) extract</b>	<b>Cargill</b>	<b>2.00</b>
	CoVera®	Aloe barbadensis leaf juice powder	Hallstar	0.40
	Allantoin	Allantoin	Ashland	0.20
	Hyaluronic acid	Hyaluronic acid		0.10
B	<b>Glycerin</b>	<b>Glycerin</b>	<b>Cargill</b>	<b>15.00</b>
C		Lavendula angustifolia oil		0.05
		Coco-glucoside		1.25
	Demineralized water	Aqua	Cargill	4.00
D	EuXYL® K712	Aqua, Sodium Benzoate, Potassium Sorbate	Schülke & Mayr	1.00
	CI 17200/Red 33	Color		0.12
	CI 42090/Blue 1	Color		0.09

## CHARACTERISTICS

- **pH:** 4.0-4.5
- **Viscosity:** 15,000-20,000 mPa.s
- **Appearance:** white cream with green suspended beads
- **Stability:** passed 2 months stability at RT & T45°C

## 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

