



Good Day, Fresh Face! Facial Cream

with KELCOSENS™ PiEL Citrus Fiber and KELCOGEL® CG-HA Gellan Gum

Our new, upcycled KELCOSENS™ Citrus Fiber combines with KELCOGEL® Gellan Gum for increased emulsion stabilization in this light yet luxurious facial cream with attractive pick-up, a frosted touch at application and a fresh feeling on the skin. Cold processable.



PROCESS

1. Tare deionized water into container and begin propeller mixing at moderate speed.
2. Premix phase B into a slurry.
3. Add phase B to phase A under propeller mixing.
4. In a separate container, combine ingredients of phase C into a slurry.
5. While phase AB is still mixing under propeller, add slurry from phase C to phase AB.
6. Using high-shear mixer, homogenize at 7500 RPM for 5-6 minutes.
7. Transfer to propeller mixing at moderate speed.
8. Add ingredients from phases D, E and F, one at a time, to phase ABC.
9. Homogenize for about 1 minute.

KEY ATTRIBUTES	
Appearance	Opaque white cream
pH	4.50-5.50
Viscosity (Anton Parr, 50 mm Cone and Plate geometry, 1° cone, 300 1/s or 50 RPM)	625 cP
Stability	3 months at 45°C

INGREDIENT AND PROCESSING NOTES

1. EUTANOL® G is a trademark of BASF Care Creations
2. Mixing speeds and homogenization equipment can be modified and tailored to available equipment required to attain a stable product.

ORDER OF ADDITION	INGREDIENTS	INCI/CHEMICAL NAME	WEIGHT %
A	DI Water	Aqua/Water	q.s
B	Glycerin	Glycerin	3.5
	KELCOGEL® CG-HA Gellan Gum	Gellan Gum	0.1
C	KELCOSENS™ PiEL Citrus Fiber	Citrus Peel Fiber	2.0
	EUTANOL® G Emollient	Octyldodecanol	7.0
	Medium Chain Triglycerides	Caprylic/Capric Triglycerides	8.80
	Vitamin E Acetate	Tocopheryl Acetate	0.5
D	Preservative	Varies	q.s.
E	Sodium Hydroxide Solution (10%)	Sodium Hydroxide, Aqua/Water	q.s. to pH 5
F	Fragrance	Varies	q.s.

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