

BE COOL! REFRESH YOUR SKIN GEL

with FiberDesign™ Citrus



Minimalist aqueous gel with a maximal freshness! **FiberDesign™ Citrus** combines gellifying properties and cooling effect for a refreshing and uplifting experience.

Phase	Trade Name	INCI	Supplier	%WT
A	Demineralized Water	Aqua	Chem-Lab NV	q.s.
	Refined Glycerin	Glycerin	Cargill	2.00
B	FiberDesign™ Citrus	Citrus Limon Peel Powder (and) Sclerotium Gum (and) Citrus Aurantifolia Peel Powder (EU)	Cargill	2.00
C	FD&C Yellow #6 (0.1% Solution)	Yellow 6	Sun Chemical	0.12
	Puricolor Gb AYE 23 FDA (0.5% Solution)	Acid Yellow 23	BASF	0.16
	Citrus Tips 780349	Parfum	Symrise	0.10
D	Geogard® ECT	Benzyl Alcohol (and) Salicylic Acid (and) Glycerin (and) Sorbic Acid	Lonza	1.00
E	Sodium Hydroxide (35%)	Sodium Hydroxide	VWR	0.12

CHARACTERISTICS

- **Appearance:** Yellow gel
- **Naturality:** 98%
- **pH:** 5.47
- **Stability:** Stable after 3 months at RT and 45°C (darker colour after 2 months 45°C)
- **Viscosity:** 10480 mPa.s at D7



PROCESS

1. Weight separately ingredients of phase A and mix refined glycerin in the demineralized water for 2 minutes with Turbotest VMI Marine Blade.
2. Add FiberDesign™ Citrus (phase B) and homogenize for 10 minutes with Silverson at 5000 rpm (stop in the middle and scrap the agglomerates on the Silverson).
3. Add ingredients of phase C in the given order while stirring with Turbotest VMI Marine Blade.
4. Add phase D while stirring with Turbotest VMI Marine Blade.
5. Adjust pH (phase E) to 5-5.5 with 35% Sodium hydroxide while stirring with Turbotest VMI Marine Blade.

PATENTS AND REGULATIONS The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force.

Revision Date: February 2023

www.cargillbeauty.com

