

# FIBER DETOX CLEANSER

with FiberDesign™ Citrus and  
Florabeads® Jojoba



Phase	Trade Name	INCI	Supplier	%WT
A	Demineralized Water	Aqua	---	q.s.
	FiberDesign™ Citrus	Citrus Limon Peel Powder (and) Slerotium Gum (and) Citrus Aurantifolia Peel Powder (EU)	Cargill	1.50
B	Empigen® BS/FA	Cocamidopropyl Betaine	Innospec	3.33
	Pureact Gluco C	Coco Glucoside	Innospec	8.00
C	Refined Glycerin	Glycerin	Cargill	10.00
D	Fragrance Thé Vert	Parfum	Aromat'Easy	0.15
	Florabeads® Jojoba 28/60 Oasis Verde	Jojoba Esters	Cargill Beauty	1.50
E	Euxyl® K712	Sodium Benzoate (and) Potassium Sorbate	Schülke & Mayr	1.00
F	Citric Acid 50%	Citric Acid	Merck	0.25

## CHARACTERISTICS

- **Appearance:** jelly, viscous but still pourable light green gel
- **pH:** 5.39
- **Stability :** passed 2 months stability at RT & T45°C
- **Viscosity:** 5020 mPa.s at D7



## PROCESS

1. Prebatch: Prepare phase A by dispersing FDC in water with Silverson L5M-A (Emulsor Screen) (Speed: 5000 rpm, Time: 10 min) - Stop in the middle and scrap the agglomerates on the Silverson head if necessary
2. Add ingredients of phase B into phase A in the given order while stirring with Turbotest VMI until entire dispersion (Marine Blade, speed: 300-400rpm)
3. Add phase C in phase A+B while stirring with Turbotest VMI until entire dispersion (Marine Blade, speed: 300-400rpm)
4. Add phase D then E while stirring with Turbotest VMI until entire dispersion (Marine Blade, speed: 300-400rpm)
5. Adjust the pH by adding citric acid or sodium hydroxide if needed to reach pH 5-5,5

Detox the dirt of your day away and leave your skin refreshed! **FiberDesign™ Citrus** texturizes rinse off products with suspension properties and provides a fresh effect when cleansing skin. **Florabeads® Jojoba**, biodegradable jojoba microspheres, gently exfoliate the skin. 97% of the ingredients are readily biodegradable according to literature or testing.

**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

