

HEALTHY START, FIBER DAY CREAM

with FiberDesign™ Citrus



Phase	Trade Name	INCI	Supplier	%WT
A	Demineralized Water	Aqua	Chem-Lab NV	q.s.
	Dermofeel® PA-3	Sodium Phytate (and) Aqua (and) Alcohol	Dr. Straetmans	0.10
B	FiberDesign™ Citrus	Citrus Limon Peel Powder (and) Sclerotium Gum (and) Citrus Aurantifolia Peel Powder (EU)	Cargill	1.50
C	Agri-Pure™ AP 20 MB	Cocos Nucifera Oil	Cargill	10.00
	Emultop™ Velvet IP	Lecithin	Cargill	0.30
D	Citrus Tips 780349	Parfum	Symrise	0.10
	D-Alpha Tocopherol	Tocopherol	Cargill	0.20
	Geogard® ECT	Benzyl Alcohol (and) Salicylic Acid (and) Glycerin (and) Sorbic Acid	Lonza	1.00
E	Sodium Hydroxide (35%)	Sodium Hydroxide	VWR	0.13

CHARACTERISTICS

- **Appearance:** Yellowish and gelly emulsion
- **pH:** 5.52
- **Stability :** stable after 2 months at RT and 1 month at 45°C
- **Viscosity:** 5120 mPa.s at D7



PROCESS

1. Preheat Emultop™ Velvet IP at 45°C in the oven or water bath until one homogeneous phase is obtained.
2. Weight all the ingredients of phase C in a beaker and heat it at 45°C in a water bath.
3. Add Dermofeel® PA-3 in demineralized water (+ 5% extra demineralized water to compensate water evaporation due to hot process) and mix until homogeneous with Turbotest VMI Marine Blade.
4. Disperse FiberDesign™ Citrus (phase B) in the Phase A with Silverson (Speed: 5000 rpm, Time: 10 min). Stop in the middle and scrap the agglomerates on the silverson. Start to heat phase A+B in a water bath at 45°C.
5. Add slowly phase C to phase A+B while mixing with Silverson (Speed: 5000 rpm, Time: 10 min)
6. Below 40°C, add the ingredients of Phase D one by one while stirring with Turbotest VMI Marine Blade.
7. Adjust the pH to pH 5-5,5 while stirring with Turbotest VMI Marine Blade (Phase E).

Fully enjoy your morning routine with this light emulsion. This day cream has an elegant sensory experience thanks to **FiberDesign™ Citrus** which provides pleasing texture.

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.

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