

# Tanning Facial Moisturiser

A powdery feel cream which builds a gradual tan. Cyclodextrin is used to stabilise the DHA against malodour and discolouration.



**Barentz.**

# Tanning Facial Moisturiser

#F000055V03

Supplier	Description	INCI	w/w %	Phase	Product Information
Local	Water	Aqua	54,34	A	
Local	Trisodium Citrate	Sodium Citrate	0,33	A	Conjugate base to buffer pH.
Roquette	Beaute PO 070	Sorbitol	2,50	A	Humectant and moisturiser.
Roquette	Beaute DS112	Starch Acetate & Hydroxyethylcellulose	3,00	B	Water gelling and stabilizing agent.
Roquette	Beaute DS146	Cyclodextrin & Sorbitol & Polyglyceryl-3-Diisostearate	5,00	C	Efficient W/O Emulsifier, can emulsify up to 60% oil phase and gives a dry and smooth feel.
Natura-tec	Natura-tec Grapeseed Oil	Vitis Vinifera Seed oil	10,00	D	Emolient.
Roquette	Beaute CD 110	Hydroxypropyl Cyclodextrin	6,00	E	Active stabiliser - encapsulating agent.
Merck	DHA extra pure	Dihydroxyacetone	4,00	E	Tanning agent.
Local	Water	Aqua	10,00	E	
Ashland	Optiphen 830412	Phenoxyethanol & Caprylyl Glycol	0,90	F	Preservative.
Firmenich	Flower Explosion 299916 D	Parfum	0,55	F	Fragrance.
Roquette	Beaute ST005	Zea Mays Starch	3,00	F	Mattifying agent - smooth and powdery dry feel from a mineral powder substitute.
Vitablend	Tocoblend L70 IP	Tocopherol (and) Helianthus Annuus Seed Oil	0,1	F	Antioxidant.
Local	Citric Acid 50% solutoin	Citric Acid	0,28	pH	pH adjust.

## Method

- 1 Heat phase A to 55°C and stir until fully dissolved.
- 2 Add phase B and stir at 55°C until smooth.
- 2 Stir cool to below 40°C and homogenise for 10mins minimum then add phase D and homogenise until smooth.
- 3 Premix phase E below 30°C until fully solubilised to complex the DHA.
- 4 Homogenise in phase E and F until smooth then pH adjust.

*NB: Temperatures are critical*

**Appearance** White emulsion

**Viscosity** 15,000 - 17,000 cps (T-C Bar Sp10)

**Odour** Floral

**pH** 4.5-5.0

**Stability Results** Passed 3m stability at 40°C.

## Directions for use

Rub evenly into skin and use daily to build up the desired skin tone then use every other day to maintain.

**For people with skin or hair type**  
All skin types.

The information given here is believed to be reliable. Barentz makes no guarantee as to the accuracy, reliability and completeness of this information. All suggestions are made without guarantee since the conditions of use are beyond our control. In no event shall Barentz be liable for damages of any nature arising out of the use of this information. Barentz disclaims the use of any material referenced above, either alone or with other materials. It is the responsibility of the user to observe legal regulations and patents.

[www.barentz.com](http://www.barentz.com)