



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

**BARENTZ**  
PERSONAL CARE

# Tanning Facial Moisturiser

Tanning Facial Moisturiser					Code #F00055V03
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.

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