

In Shower Self Tanning Moisturiser

Easy and smooth to apply for a beautiful sunkissed glow, leaving your skin hydrated and soft. By using daily the colour builds gradually to give a natural looking tan. **Floraesters K-20W®** increases the retention of the colour on the skin. The formulation is thickened with **Dermiveil** a natural thickener for cosmetic products.

	Trade Name	INCI Name	Function	%W/W	Supplier
1	Deionized Water (1)	Aqua	Solvent	50.9	
2	DermiVeil	Barley (Hordeum vulgare) Starch	Thickener	4	Oat Cosmetics Via ProTec Ingredia Ltd
3	Euxyl PE9010	Phenoxyethanol and Ethylhexylglycerin	Preservative	1.1	Schulke UK
4	Surfac GMS NSE40	Glyceryl Stearate	Emulsifier	1	Surfachem
5	Lanette® E	Sodium Cetearyl Sulfate	Emulsifier	0.35	BASF Corporation
6	Lanette® D	Cetearyl Alcohol	Co-emulsifier	3.15	BASF Corporation
7	Lanette® 16	Cetyl Alcohol	Co-emulsifier	7	BASF Corporation
8	Floviva Cocoa Butter	Theobroma Cacao (Cocoa) Seed Butter	Emollient	10	ProTec Botanica
9	Deionized Water	Aqua	Solvent	12.5	
10	Cetpro DHA	Dihydroxyacetone	Tanning Ingredient	5	ProTec Ingredia
11	1,3 Butylene Glycol	1,3 Butylene Glycol	Humectant	4	Lanxess
12	Floraesters K-20W®	Hydrolyzed Jojoba Esters (and) Aqua	Tan longevity	1	Floratec Via ProTec Ingredia

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The information provided, to the best of our knowledge is believed to be correct however we do not guarantee its accuracy. Potential purchasers shall not only rely on information stated herein when purchasing any products and should make their own investigations to determine if such products are suitable for a particular use. It is your responsibility to thoroughly test any formulations and all warranties, indemnities or liabilities implied or expressed by law are hereby excluded by ProTec Ingredia Ltd to the fullest extent permitted by law.

Method of Manufacture

Into the main vessel add:

Aqua	Start the mixer on a fast speed.
DermiVeil	Mix until fully dispersed and homogenous.
Euxyl PE9010	Commence heating to 75-80C.

Into a suitable sized premix vessel add:

Surfac GMS NSE40	
Lanette® E	
Lanette® D	
Lanette® 16	
Floviva Cocoa Butter	Commence heating to 75-80C.

Add the premix vessel to the main vessel, stir rapidly to create an uniform emulsion.

Homogenise for 5 minutes.

Begin cooling to 23C with moderate speed stirring.

Into a suitable sized premix vessel add:

Deionized Water	
Cetpro DHA	Mix until dissolved.

When the bulk is 40C or below add the premix into the main vessel.

Mix at moderate speed.

Into a suitable sized premix vessel add:

1,3 Butylene Glycol	
Floraesters K-20W®	Mix until uniform.

Add the premix into the main vessel.

Mix for 10 minutes until fully homogenous.

Cool to 23C and check product specifications.

Product Specifications

pH	5.80-6.5
Viscosity	30,000-40,000 cps RVTB speed 2.5, 1 minute.
Colour	White\Slightly yellow.
Appearance	Opaque viscous emulsion.