

# Tanbest® DHA

## Self-Tanning Lotion

### Features:

This tanning lotion contains 8.0% Tanbest® DHA, it is easy to apply, quickly absorbed and non-sticky. It can also effectively improve the skin colour, gentle and non-irritating.

(SC-AC2303008-8.0% Tanbest® DHA)

	Trade Name	INCI Name	Function	w/w%
A	Olivem® 1000	Cetearyl Olivatate, Sorbitan Olivatate	Emulsifier	2.0
	SpecThem® GMS	Glyceryl Stearate	Emulsifier	0.5
	Dicaprylyl Carbonate	Dicaprylyl Carbonate	Emollient	2.0
	SpecKare® SQA	Squalane	Emollient	2.0
	Dimethicone	Dimethicone	Emollient	2.0
	SpecPure® Shea Butter 100	Butyrospermum Parkii (Shea) Butter	Emollient	0.5
	SpecKare® VEA	Tocopheryl Acetate	Anti-oxidant	0.5
B	Water	Water	Solvent	To 100
	Disodium EDTA	Disodium EDTA	Chelating Agent	0.03
	Glycerin	Glycerin	Humectant	3.0
	SpecThem® XTG200	Xanthan Gum	Thickening Agent	0.18
	SpecKare® ALLA	Allantoin	Skin Conditioning Agent	0.1
	SpecKare® DPA98	Panthenol	Humectant	0.5
	ParbFree® PCG	Caprylyl Glycol, Phenoxyethanol	Preservative	0.8
C	Butylene Glycol	Butylene Glycol	Humectant	5.0
	SEPINOV™ EMT-10	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	Stabilizer	0.8
D	SpecPlex® PCalm	Poria Cocos Sclerotium Extract, Portulaca Oleracea Extract, Palmitoyl Tripeptide-8, Dipotassium Glycyrrhizate, Glycerin, Caprylyl Glycol, Ethylhexylglycerin, Water	Skin Conditioning Agent	3.0
	Tanbest® DHA	Dihydroxyacetone	Tanning Agent	8.0
	Fragrance	Fragrance	Fragrance	0.08
E	Sodium Hydroxide	Sodium Hydroxide	pH Adjuster	pH~4.5



**Procedure:**

1. Mix Part A and heat to  $80 \pm 5^{\circ}\text{C}$ , stir well
2. Mix Part B and heat to  $80 \pm 5^{\circ}\text{C}$ , stir until completely dissolved
3. Pre-dispersed Part C, add to the above Part B and heat to  $80 \pm 5^{\circ}\text{C}$ , stir until completely dissolved
4. Add Part A into B&C, and homogenize for 3 mins and then cool to RT
5. Add Part D into the above system, stir until completely dissolved
6. Add Part E to the above system, stir until completely uniform

**Properties:**

Appearance: White emulsion

pH:  $4.5 \pm 0.5$



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