

## Spec Chem Industry Inc.

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# Self Tanning Lotion

(8% Tanbest® DHA)

## Features:

A refreshing self-tanning lotion that absorbs quickly for an even, perfectly natural-looking glow with no streaks.

Phase	Product Name	INCI Name	w/w%	Function
A	Cetearyl Olivatate & Sorbitan Olivatate		1	Emulsifier
	Cetyl Palmitate & Sorbitan Palmitate & Sorbitan Olivatate		0.5	Emulsifier
	<b>SpecSufc® M68</b>	Cetearyl Glucoside & Cetearyl Alcohol	0.5	Emulsifier
	Butyrospermum Parkii (Shea Butter)		0.5	Emollient
	<b>SpecKare® 3GF</b>	Glyceryl Linoleate & Glyceryl Oleate & Glyceryl Linolenate	2	Emollient
	Dimethicone		2	Tactile Enhancers
	Dicaprylyl carbonate		2	Emollient
	<b>SpecThem® C1618</b>	Cetostearyl Alcohol	1.5	Emollient
	<b>SpecThem® GMS</b>	Glyceryl Monostearate	0.5	Emulsifier
	<b>SpecKare® VEA</b>	Tocopheryl Acetate	0.2	Antioxidant
B	<b>SpecThem® SCB21</b>	Acrylates/c10-30 Alkyl Acrylate Crosspolymer	0.1	Stabilizer
	<b>SpecThem® XTG200</b>	Xanthan Gum	0.1	Stabilizer
	Glycerin		2	Humectant
	Glycereth-26		1	Humectant
	Water		To 100	
	<b>SpecKare® NMF50</b>	Betaine	1.5	Humectant
	<b>SpecKare® TRHL</b>	Trehalose	2	Humectant
	<b>SpecKare® HAL</b>	Sodium Hyaluronate	2	Humectant
C	Disodium EDTA		0.05	Chelating Agent
	Arginine		0.1	pH Adjuster
D	<b>PrzvFree® CE85</b>	Caprylyl Glycol & Ethylhexylglycerin	0.5	Preservative
	<b>Tanbest® DHA</b>	Dihydroxyacetone	8	Self Tanning
	Sodium Metabisulfite		0.5	Antioxidant
	Fragrance		0.1	



Good Quality Comes  
From Qualified Materials

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### Procedure:

1. Mix part A and heat to 80 °C, stirring until completely dissolved;
2. Mix part B components and stir well;
3. Mix A and B, homogenize for 5min;
4. Cool the base below 60 °C, then add part C;
5. Cool the base below 45 °C, add part D, stirring until room temperature.

### Properties:

Appearance	Off-white emulsion
pH	5.07(1:10 aqueous solution)
Viscosity	7720(25 °C, 4 #, 30 rpm, mpa·s)
Stability	45 °C for a month; -18 °C for a month