

Spec Chem Industry Inc.

Shilin Industrial Park, No.10 Wanshou Road,
Jiangbei New Area, Nanjing, P.R. China
+86 25 84523390 84523391
sc@specchemind.com
www.specchemind.com

Self Tanning Lotion

(5% Tanbest® DHB)

Features:

Get a gorgeous golden tan in 4-6 hours! This Self-Tanning Lotion is fast-acting, streak-free and gentle on the skin.

Phase	Product Name	INCI Name	w/w%	Function
A	Cetearyl Olivatate & Sorbitan Olivatate		1	Emulsifier
	Cetyl Palmitate & Sorbitan Palmitate & Sorbitan Olivatate		0.5	Emulsifier
	SpecSufc® M68	Cetearyl Glucoside & Cetearyl Alcohol	0.5	Emulsifier
	Butyrospermum Parkii (Shea Butter)		0.5	Emollient
	SpecKare® 3GF	Glyceryl Linoleate & Glyceryl Oleate & Glyceryl Linolenate	2	Emollient
	Dimethicone		2	Tactile Enhancers
	Dicaprylyl carbonate		2	Emollient
	SpecThem® C1618	Cetostearyl Alcohol	1.5	Emollient
	SpecThem® GMS	Glyceryl Monostearate	0.5	Emulsifier
	SpecKare® VEA	Tocopheryl Acetate	0.2	Antioxidant
B	SpecThem® SCB21	Acrylates/c10-30 Alkyl Acrylate Crosspolymer	0.1	Stabilizer
	SpecThem® XTG200	Xanthan Gum	0.1	Stabilizer
	Glycerin		2	Humectant
	Glycereth-26		1	Humectant
	Water		To 100	
	SpecKare® NMF50	Betaine	1.5	Humectant
	SpecKare® TRHL	Trehalose	2	Humectant
	SpecKare® HAL	Sodium Hyaluronate	2	Humectant
Disodium EDTA		0.05	Chelating Agent	
C	Arginine		0.1	pH Adjuster
D	PrzvFree® CE85	Caprylyl Glycol & Ethylhexylglycerin	0.5	Preservative
	Tanbest® DHB	Erythrulose	5	Self Tanning
	Sodium Metabisulfite		0.5	Antioxidant
	Fragrance		0.1	

Spec Chem Industry Inc.

Shilin Industrial Park, No.10 Wanshou Road,
Jiangbei New Area, Nanjing, P.R. China
+86 25 84523390 84523391
sc@specchemind.com
www.specchemind.com

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	5.14(1:10 aqueous solution)
Viscosity	7630(25 °C, 4 #, 30 rpm, mpa·s)
Stability	45 °C for a month; -18 °C for a month