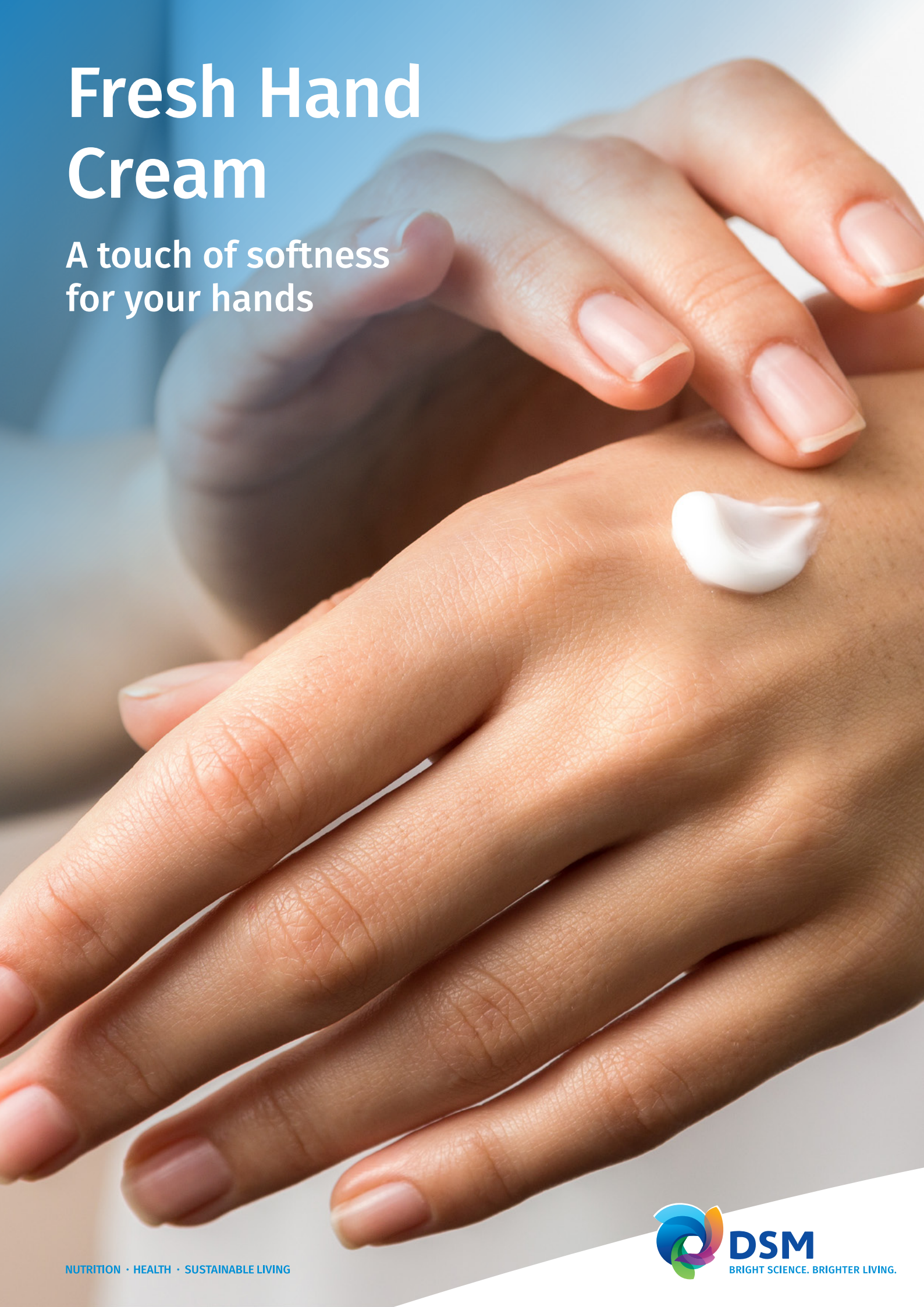


Fresh Hand Cream

A touch of softness
for your hands



Fresh Hand Cream

A touch of softness for your hands

This refreshing hand cream body care formulation offers a touch of softness for your hands, absorbing fast and offers high nourishing power. With AMPHISOL® K, TILAMAR® PDO with NØØVISTA™, VALVANCE® Touch 210 and DL-alpha-Tocopheryl Acetate.

PHASE	INGREDIENTS	INCI NAME	% W / W	SUPPLIER
A	Tego Care 450 MB	POLYGLYCERYL-3 METHYLGLUCOSE DISTEARATE	1,20	100415
	JNA-CS50	CETEARYL ALCOHOL	1,00	101164
	Arlacel 165	GLYCERYL STEARATE, PEG-100 STEARATE	1,00	100028
	SALACOS 816T	CETYL ETHYLHEXANOATE	8,00	100175
	Shea butter	BUTYROSPERMUM PARKII BUTTER	2,00	100378
	AMPHISOL® K	POTASSIUM CETYL PHOSPHATE	1,00	100288
B	XIAMETER PMX-0345	CYCLOPENTASILOXANE, CYCLOHEXASILOXANE	5,00	100097
C	Water Dem	AQUA	32,11	
	Tris Amino Ultra PC	TROMETHAMINE	0,19	100617
	Glycerin 99.5%	GLYCERIN	5,00	100654
	Phenoxyethanol	PHENOXYETHANOL	0,35	100614
	Sensiva SC 50	ETHYLHEXYLGLYCERIN	0,05	100444
	TILAMAR® PDO with NØØVISTA™	PROPANEDIOL	1,00	100288
Edeta BD	DISODIUM EDTA	0,05	100037	
D	Gransil PSQ	POLYMETHYLSILSESQUIOXANE	0,70	101051
	VALVANCE® Touch 210	SILICA	1,00	100288
E	Water Dem	AQUA	35,00	
	Flogel FG 700	CARBOMER	0,35	100447
F	DL-alpha-Tocopheryl Acetate	TOCOPHERYL ACETATE	5,00	100288

SK-E-800040-1

PROCEDURE

1. Mix all ingredients of phase A and heat up to 75°C
2. Mix all ingredients of phase C and heat up to 75°C
3. Add phase C into phase A under homogenize with the speed of 5000 rpm for 3 min. Add phase B into product under homogenize with the speed of 5000 rpm for 1 min
4. Add each ingredient of phase D into product under homogenize with the speed of 5000rpm for 1 min
5. Mix all ingredients of phase E into product under stirring until uniform. Add phase E into product under homogenize with the speed of 5000 rpm for 2 min
6. Cool down under stirring add phase F into product below 40°C

TECHNICAL DATA

pH: 6.2

Viscosity (Brookfield LV3/12rpm, 22,8°C): 8499 mPa.s

SUPPLIERS

100415	EVONIK
101164	JEONG NAM FAT & OIL CHEMICAL CO, LTD
100028	SPECTRUM CHEMICAL MFG. CORP.
100175	IKEDA CORPORATION
100378	A & E CONNOCK LTD.
100288	DSM NUTRITIONAL PRODUCTS LTD
100097	DOW
100617	ANGUS CHEMICAL COMPANY
100654	EMERY OLEOCHEMICALS GMBH
100614	SCIENCELAB.COM, INC.
100444	SCHÜLKE & MAYR GMBH
100037	BASF
101051	GRANT INDUSTRIES
100447	SNF S.A.

Developed by regional DSM China lab.

This information is for illustration purposes only and based upon our current knowledge and experience at the time of printing. We do not make any representation or warranty of any kind, express or implied, including merchantability or fitness for a particular use, with respect to such information or its application. Use of this information is at your discretion and risk. Nothing herein relieves you from carrying out your own suitability determinations and tests. You are responsible for observing all laws and regulations relevant to your products, uses or processes. We do not assume any liability in connection with your product and its use. The foregoing information and suggestions are also provided without warranty of non-infringement as to the intellectual property rights of third parties, and shall not be construed as any inducement to infringe the rights of third parties.

DSM Nutritional Products, Personal Care, P.O.Box 2676, CH-4002 Basel, Switzerland