

Guide Formulation

HAND PODS EMULSION WAX-TO-CREAM WITH
AEROSIL® 200 AND SPHERILEX® 10 PC

This special waxy emulsion turns into a soft cream while massaging onto the skin surface.
SPHERILEX® 10 PC gives your skin a silky-smooth feel and AEROSIL® 200 is used as a viscosity enhancer.

Phase	Ingredients	INCI Name	% w/w	Function
A	Inwitor 600	Polyglyceryl-3-Polyricinoleate	6.10	Emulsifier
	Inwitor PG3 DIS	Polyglyceryl-3 Diisostearate	1.50	Emulsifier
	Miglyol COCO 810	Coco-Caprylate/Caprate	23.00	Emollient
	Miglyol T-C7	Triheptanoin	3.40	Emollient
	Dynasan 118	Tristearin	0.90	Consistency Agent
	Shea Butter RSB 45 refined	Butyrospermum Parkii Butter	0.90	Emollient
	Paracera W 80	Paraffin (and) Cera Microcristallina	13.25	Consistency Agent
A 1	AEROSIL® 200	Silica	0.90	Thickener
B	Demin. Water	Aqua	38.04	Solvent
	Isopentyldiol	Isopentyldiol	4.50	Humectant
	Vegetal Ceramides BGG	Butylene Glycol (and) Oryza Sativa (Rice) Bran Extract	1.00	Active ingredient
	COTTOM BLOOM 5S	Aqua (and) Glycerin (and) Hydrolyzed Cottonseed Extract (and) Trehalose (and) Glucose (and) Fructose (and) Sucrose (and) Inositol	0.50	Active ingredient
	Sensiva SC 50	Ethylhexylglycerin	0.10	Multifunctional ingredient
	Euxyl K 712	Aqua, Sodium Benzoate, Potassium Sorbate	0.25	Antimicrobial
	Lactic Acid 80%	Lactic Acid, Aqua	0.01	Buffering Agent
	Sodium Chloride	Sodium Chloride	0.50	Stabilizer
C	SPHERILEX® 10 PC	Hydrated Silica	5.00	Absorbent
D	Parfum	Parfum	0.15	Parfum

Developed by Eigenmann & Veronelli Italy

NOTE: All formulations have been subjected to stability tests and have been shown to perform well. However, formulators should always perform their own stability tests when adapting formulations and / or using raw materials from other sources.

PROCESSING

- Mix all ingredients of Phase A and heat up to 80-85 °C while stirring. When the mixture is completely melted. Add A1 while stirring moderately until the silica is wetted and then homogenize.
- Mix all ingredients of Phase B. Heat up to 80-85 °C while stirring.
- Add Phase B slowly to Phase A while stirring and homogenize.
- Add Phase C while stirring.
- Cool down to 40 °C and add Phase D and homogenize again.
- Cool down to room temperature while stirring.

EUROPE / MIDDLE EAST / AFRICA / LATIN AMERICA

Evonik Operations GmbH

Silica business line

Rodenbacher Chaussee 4

63457 Hanau-Wolfgang

Germany

Phone +49 6181 59-12532

Fax +49 6181 59-712532

ask-si@evonik.comwww.silica-specialist.com

AMERICAS

Evonik Corporation

Silica business line

2 Turner Place

Piscataway, NJ 08804

USA

Phone +1 732 981-5000

ask-si-america@evonik.com

ASIA PACIFIC

Evonik (SEA) Pte. Ltd.

Silica business line

3 International Business Park

#07-18, Nordic European Centre

Singapore 609927

Phone +65 6 809-6851

Fax +65 6 809-6651

ask-si-asia@evonik.com

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

AEROSIL® and **SPHERILEX®** are registered trademarks of Evonik Industries or its subsidiaries.

The Silica specialists at Evonik - Inside, to get it right.