

**Guide Formulation** 

# Gentle Exfoliating Cleansing Bar with SIPERNAT® 250 PC

### Effective cleaning, the sensitive and natural derived way

PHASE	INGREDIENTS	%	FUNCTION
1	Soap noodles	91.20	Surfactant
	Water	2.00	Water
	Pigment powder	0.30	Pigment
2	Glycerin	1.00	Humectant
	Avocado oil	3.00	Emollient
	Olive oil	0.50	Emollient
3	Perfume	q.s.	Perfume
	SIPERNAT® 250 PC (Hydrated silica)	2.00	Exfoliating particles
		100.00	

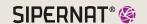
EA011019-01-TM

#### **PROCESSING**

- Pre-disperse the pigment in water then add phase 1 into the Hooper and refine repeatedly until homogeneity is achieved.
- Mix all the ingredients of phase 2 in a separate beaker.
- Mix the refined soap noodles and ingredients of phase 2 into a conventional mixer for 5 min.
- Add the mixture in the Hooper again and refine once.
- Add phase 3 in the Hooper and refine once.
- Extrude twice using a small die plate.
- Extrude once using a big die plate. (Expect a round sausage-like soap).
- Cut into small manageable pieces and press into desired soap bars using the soap presser.

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.





**Guide Formulation** 

## Gentle Exfoliating Cleansing Bar with SIPERNAT® 250 PC

#### Disclaimer

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®, SIPERNAT® and SPHERILEX® are registered trademarks of Evonik Industries AG or one of its subsidiaries.

EUROPE / MIDDLE EAST / AFRICA / LATIN AMERICA

Evonik Operations GmbH Business Line Silica Rodenbacher Chaussee 4 63457 Hanau Germany

Phone +49 6181 59-12532 Fax +49 6181 59-712532

ask-si@evonik.com www.silica-specialist.com NORTH AMERICA

Evonik Corporation
Business Line Silica
299 Jefferson Road
Parsippany, NJ 07054-0677

Phone +1 800 233-8052 Fax +1 973 929-8502

ask-si-nafta@evonik.com

ASIA PACIFIC

Evonik (SEA) Pte. Ltd.
Business Line Silica
3 International Business Park
#07-18, Nordic European Centre
Singapore 609927

Phone +65 6809-6877 Fax +65 6809-6677

ask-si-asia@evonik.com

