

## 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
	<b>SIPERNAT® 250 PC (Hydrated silica)</b>	<b>2.00</b>	<b>Exfoliating particles</b>
		<b>100.00</b>	

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.

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