

## Guide Formulation

## Cleansing Bar with SPHERILEX® 10 PC

Pamper your skin sustainably with this soft-touch soap bar

PHASE	INGREDIENTS	%	FUNCTION
1	Soap noodles	91.30	Surfactant
	Water	2.00	Water
	Pigment powder	0.20	Pigment
2	Glycerin	1.50	Humectant
	Coconut oil	3.50	Emollient
	Perfume	q.s.	Perfume
3	SPHERILEX® 10 PC (Hydrated silica)	1.50	Sensory modifier
		<b>100.00</b>	

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### 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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**Cleansing Bar with SPHERILEX® 10 PC****Disclaimer**

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