

Guide Formulation

Exfoliating Oil Gel with AEROSIL® 200, SIPERNAT® 250 PC and SIPERNAT® 9000 PC

Cleansing with natural derived SIPERNAT® particles made by Evonik.

PHASE	INGREDIENTS	INCI NAME	%	g	FUNCTION
1	Sunflower oil	Helianthus Annuus (sunflower seed) oil	50.00	47.50	Emollient
	Soybean oil	Soybean oil Glycine soja (soybean) oil	30.00	28.50	Emollient
	TEGOSOFT® OP	Ethylhexyl palmitate	10.00	9.50	Emollient
	TEGOSOFT® OER MB	Oleyl erucate	4.00	3.80	Emollient
	AEROSIL® 200 ¹	Silica	6.00	5.70	Thickener/ Stabilizer
Total			100.00	95.00	

HPC 1721/1

PHASE	INGREDIENTS	INCI NAME	%	g	FUNCTION
2	SIPERNAT® 250 PC ¹	Hydrated silica	2.50	2.50	Exfoliating particles
	SIPERNAT® 9000 PC ¹	Hydrated silica	2.50	2.50	Exfoliating particles
Total			5.00	5.00	

PHASE	INGREDIENTS	%	g	FUNCTION
1	Oil phase	95.00	95.00	Emollient
2	Mixture of exfoliating particles (ratio 1:1)	5.00	5.00	Exfoliating particles
Total		100.00	100.00	

HPC 1721/1-1

¹ Based on the categorization of Silica and Hydrated Silica as "derived mineral ingredients" according to annex D in ISO 16128-1 and the assessment of "derived minerals" according to table 1 in ISO 16128-2.

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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PROCESSING

Phase 1

- Mix all liquid ingredients until homogeneous mixture is obtained.
- Add AEROSIL® 200 and mix gently until the silica is completely wet by the oil.
- Homogenize.

Phase 2

- Weight exfoliating particles SIPERNAT® 250 PC and SIPERNAT® 9000 PC.

Phase 1 + 2

- Mix phase 1 and phase 2 and incorporate the exfoliating particles while gently stirring.

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