

Guide Formulation

Sulfate-free Exfoliating Gel*

A basic formulation for a wide range of applications, which depends on the selection of the peeling particle

PHASE	INGREDIENTS	INCI NAME	% W/W	FUNCTION
		Aqua	ad 100.00	Water
1		Acrylates Copolymer	7.00	Viscosity enhancer, stabilizer
2		Sodium Methyl 2-Sulfolaurate, Disodium 2-Sulfolaurate	14.00	Non-ionic surfactant
		Decyl Glucoside	5.00	Non-ionic surfactant
3		Aqua, Sodium Hydroxide	q.s.	pH adjustment
4		Cocamidopropyl Betaine	8.00	Amphoteric surfactant
		Coco Betaine	2.00	Amphoteric surfactant
5		Preservative	q.s.	Preservative
		Fragrance	q.s.	Fragrance
6	SIPERNAT® 22, 2200, 250 or 9000 PC	Hydrated Silica	4.00	Exfoliating particles
		Total	100.00	

* Developed by Azelis

PROCESSING

- Add acrylates copolymer to the water while stirring.
- Add phase 2 while stirring.
- Neutralize with sodium hydroxide to pH 6.5 and gently stir for another 10 minutes.
- Add all ingredients of phase 4/5/6 while gentle stirring.
- Check pH and if necessary adjust to 6.0-6.5 to improve transparency.

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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