

Guide Formulation

Calming deo roll-on with AEROSIL® R 816 (o/w pickering emulsion)*
AEROSIL® R 816 for particle stabilized emulsions

PHASE	INGREDIENTS	INCI NAME	% W/W	FUNCTION
1		Water	67.9	Water
		Methylpropanediol	5.0	Solubilizer
		Hydroxypropyl guar	0.5	Non-ionic thickening agent
		Preservative	q.s.	Preservative
2		Aqua; Aloe barbadensis extract	3.0	Active
		Ethanol	5.0	Stabilizer, preservative
3	AEROSIL® R 816	Silica cetyl silylate	1.5	Stabilizer
4		Neopentyl glycol diheptanoate	14.5	Emollient
		Glyceryl undecylenate	0.5	Emollient
		Bisabolol	0.1	Active
		Triethyl citrate	2.0	Deodorant
Total			100.0	

* developed by Azelis No. 749-4-2

PROCESSING

- Mix and heat phase 1 until Hydroxypropyl guar of phase 1 is completely hydrated
- Add phase 2 to phase 1 while mixing
- Add phase 3 to phase 1, 2 and homogenize
- Add phase 4 to phase 1, 2, 3 and homogenize
- Adjust pH to 6.0

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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