

Guide Formulation

Sun oil gel with AEROSIL® 200*

A cold processable oil gel with expected SPF 20 (UVA/UVB -balance)

PHASE	INGREDIENTS	INCI NAME	% W/W	FUNCTION
1	AEROSIL® 200	Silica	3.0	Stabilizer, increase viscosity
		Octocrylene	10.0	UV-Absorber
		Butyl methoxydibenzoyl methane	3.0	UV-Absorber
		Homosalate	10.0	UV-Absorber
		Bis-ethylhexyl hydroxydimethoxy benzylmalonate	1.0	Photostabilizes uv-absorber
		Caprylic/capric triglyceride	27.0	Emollient
		Neopentyl glycol diheptanoate	40.5	Emollient
		Prunus amygdalus dulcis (sweet almond oil)	5.0	Emollient
		Tocopherol	0.5	Antioxidants, stabilizer
	Total		100.0	

* developed by Azelis no. 6597

PROCESSING

- Add AEROSIL® 200 into the liquid phase
- After complete wetting of the silica homogenize at high speed

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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