

SKIN BRIGHTENING CREAM (SPF 10 Expected)

Instant wrinkle filler
Soft depigmentation effect
Category - Skin Care

SKIN BRIGHTENING CREAM (SPF 10 EXPECTED) - TECHNICAL APPLICATION SHEET

Formulation n° EW2001161

MANUFACTURING PROCESS	INGREDIENTS	INCI / CHEMISTRY	FUNCTION	WEIGHT %
Phase 1 Mix the ingredients and heat up to 80°C while stirring.	ERCAGREEN 3S - ErcaWilmar	Polyglyceryl-3 Stearate	O/W Emulsifier	1,00
	ERCAWAX CE V - ErcaWilmar	Glyceryl Stearate Citrate	O/W Emulsifier	1,50
	ERCAREL G 20 - ErcaWilmar	Octyldodecanol	Emollient	2,00
	ERCANOL CS 30/70 V - ErcaWilmar	Cetearyl Alcohol	Giving Factor	2,00
	ERCAREL CAP V - ErcaWilmar	Coco-Caprylate/Caprates	Emollient	3,00
	Ethylhexyl Salicylate	Ethylhexyl Salicylate	UV Filter	5,00
	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	UV Filter	1,00
Phase 2 Mix all ingredients and heat up to 80°C while stirring. Add Phase 1 to Phase 2 while stirring with high agitation (900 - 1000 rpm) for emulsifying. Cool down to room temperature while stirring.	Water, Demin.	Aqua	Solvent	q.b. to 100
	GLICERINA V 99.5 - ErcaWilmar	Glycerin	Humectant	4,00
	Alpha-Arbutin	Alpha-Arbutin	Active	1,00
	Sclerotium Gum	Sclerotium Gum	Gelling Agent	0,30
	Dehydroxanthan Gum	Dehydroxanthan Gum	Gelling Agent	0,30
	Pentylene Glycol, Phenylpropanol	Pentylene Glycol, Phenylpropanol	Moisturizing Agent	2,00
	Sodium Phytate, Aqua, Alcohol	Sodium Phytate, Aqua, Alcohol	Chelating Agent	0,05
Phase 3 Add the ingredients step by step while stirring to Phase 1+2 and homogenize for 1 min.	Panthenol	Panthenol	Moisturizing Agent	0,50
	Fragrance - Expressions Parfumées	Parfum	Fragrance	0,50
	Bis-Ethylhexyl Hydroxydimethoxy Benzylmalonate	Bis-Ethylhexyl Hydroxydimethoxy Benzylmalonate	Antioxidant Agent	0,50
Phase 4 Add the preservative system under stirring and adjust the pH to 5,0 - 6,0.	Preservative System	Preservative System	Preservative System	q.b.
	Lactic Acid	Lactic Acid	Buffering	q.b.

PRODUCT SPECIFICATIONS:

Appearance: Cream - pH: 5,0 -6,0 - Viscosity (Brookfield DV-E, 20°C): 5,000 - 8,000 mPa.s - Not microbiologically tested.

HOW ERCA-WILMAR INGREDIENTS ADD VALUE TO THIS FORMULATION:

ERCAGREEN 3S (Polyglyceryl-3 Stearate): polyglyceryl ester used as a non ionic O/W emulsifier derived from natural sources. Recommended in PEG-free formulations.

ERCAWAX CE (Glyceryl Stearate Citrate): extremely versatile PEG-free emulsifier for making O/W emulsions. Imparts consistency and oil binding capacity and also works as co-emulsifier for PEG-free sensitive skin formulations providing a soft and cushiony skin feel.

ERCAREL G20 (Octyldodecanol): multifunctional emollient with wetting and dispersing properties. Valuable solvent for sunscreens. It is extremely mild to skin and provides a light touch.

ERCAREL CAP (Coco-Caprylate/Caprates): ester derived from vegetable source that acts as fast spreading emollient. ERCAREL CAP offers a good sensory alternative to Cyclomethicone.

ERCANOL CS 30/70 (Cetearyl Alcohol): composed of cetyl alcohol and stearyl alcohol of natural, non-animal origin. It has consistency giving characteristics. In this formulation ERCANOL CS 30/70 functions as an emollient, emulsion stabiliser, viscosity and structure modifier. It gives a pleasant soft skin feel to the cream.

GLICERINA V 99.5 (Glycerin): versatile and widely used humectant. Our high purity GLICERINA (derived from organic resources) is used in this formula as moisturizer and skin protectant.

Disclaimer: The information presented herein describe how our products can be used. The given data, claims and procedures, are suggestions without any guarantee, aimed at supporting customers' development. Any product manufactured corresponding to the present recipe is used at own risk and may require additional testing prior to marketing in order to comply with local regulations. Unless supplied by Erca-Wilmar, we refuse any responsibility for the availability, the quality and the safety of the raw materials employed in the present formulation. As production conditions at our customers' facilities are beyond our control, we also refuse to accept any liability involved in the use of our products. Please observe possible third party patent rights.