

EVERYDAY PERFECT DD CREAM

Daily Defence
Uniform tint
Category - Skin Care

EVERYDAY PERFECT DD CREAM - TECHNICAL APPLICATION SHEET

Formulation n° EW2002112

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	Emulsifier	0,50
	ERCAGREEN 4O - ErcaWilmar	Polyglyceryl-4 Oleate	Emulsifier	1,00
	ERCAWAX CE V - ErcaWilmar	Glyceryl Stearate Citrate	Emulsifier	1,50
	ERCANOL CS 30/70 V - ErcaWilmar	Cetearyl Alcohol	Giving Factor	1,00
	ERCAREL ISN - ErcaWilmar	Isononyl Isononanoate	Emollient	8,00
	ERCAREL TCC V - ErcaWilmar	Caprylic/Capric Triglyceride	Emollient	4,00
	Ethylhexyl Salicylate	Ethylhexyl Salicylate	UVB Absorber	5,00
	Tocopheryl Acetate	Tocopheryl Acetate	Antioxidant	0,50
Phase 2 Mix the 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
	Pentylene Glycol, Phenylpropanol	Pentylene Glycol, Phenylpropanol	Moisturizing Agent	3,00
	Sodium Phytate, Aqua, Alcohol	Sodium Phytate, Aqua, Alcohol	Chelating Agent	0,10
	Lysolecithin, Sclerotium Gum, Xanthan Gum, Pullulan	Lysolecithin, Sclerotium Gum, Xanthan Gum, Pullulan	Gelling Agent	0,50
	Xanthan Gum	Xanthan Gum	Gelling Agent	0,50
	Titanium Dioxide, Silica, CI-77491, CI-77492, CI-77499	Titanium Dioxide, Silica, CI-77491, CI-77492, CI-77499	UV Protection Agent	4,00
Phase 3 At room temperature add the ingredients step by step while stirring to Phase 1+2.	Glycerin, Picea Mariana Bark Extract	Glycerin, Picea Mariana Bark Extract	Active	0,50
	Fragrance - Expressions Parfumées	Parfum	Fragrance	0,20
	ERCAFIL PU 35 - ErcaWilmar	Polyurethane - 35	Film Forming Agent	3,00
Phase 4 Add the preservative system under stirring and adjust the pH to 6,0 - 6,5.	Preservative System	Preservative System	Preservative System	q.b.
	Lactic Acid	Lactic Acid	Buffering	q.b.

PRODUCT SPECIFICATIONS:

Appearance: Cream- pH: 6.0 - 6.5 - Viscosity (Brookfield DV-E, 20°C): 3,000 - 5,000 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.

ERCAGREEN 4O (Polyglyceryl-4 Oleate): polyglyceryl ester that acts as co-emulsifier for PEG-free formulations. Derived from natural sources. It gives a conditioning and pleasant touch.

ERCAFIL PU 35 (Polyurethane-35): polymer with film forming functions used in Skin Care, Sun Care and color cosmetics. It also gives a natural and soft touch as well as water and sweat resistant properties to formulations. Is especially used in long wear mascara and eyeliners.

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.

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 ERCA-NOL CS 30/70 functions as an emollient, emulsion stabiliser, viscosity and structure modifier. It gives a pleasant soft skin feel to the cream.

ERCAREL ISN (Isononyl Isononanoate): very soft, dry and low viscosity emollient. Dissolves high viscosity silicone gums.

ERCAREL TCC (Caprylic/Capric Triglyceride): emollient with solvent properties, excellent stability, and moisturizing and conditioning properties. It also enhances emulsion stability and is stable against oxidation. It exhibit excellent skin smoothing properties with a good dermatological compatibility and good solubility for liposoluble additives. In this formula it helps restore skin hydrolipidic film.

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.