



REFRESHING AFTER SHAVE BALM

Light texture Fresh effect Category - Skin Care

REFRESHING AFTER SHAVE BALM - TECHNICAL APPLICATION SHEET Formulation n° EW2001142

MANUFACTURING PROCESS	INGREDIENTS	INCI / CHEMISTRY	FUNCTION	WEIGHT %
Phase 1 Mix the ingredients and heat up to 60°C while stirring until the gelling agent is fully dispersed. Cool down to room temperature while stirring.	Water, Demin.	Aqua	Solvent	q.b. to 100
	GLICERINA V 99.5 - ErcaWilmar	Glycerin	Humectant	4,00
	Dehydroxanthan Gum	Dehydroxanthan Gum	Gelling Agent	0,50
	Xanthan Gum, Lecithin, Sclerotium Gum, Pullulan	Xanthan Gum, Lecithin, Sclerotium Gum, Pullulan	Gelling Agent	0,50
	Panthenol	Panthenol	Moisturizing Agent	0,50
	Sodium Phytate, Aqua, Alcohol	Sodium Phytate, Aqua, Alcohol	Chelating Agent	0,05
	Menthyl Lactate	Menthyl Lactate	Cooling Agent	0,10
Phase 2 Mix the ingredients at room temperature while stirring. Add Phase 2 to Phase 1 while stirring with high agitation to homogenize.	ERCAMILD LS 30 - ErcaWilmar	Sodium Lauroyl Sarcosinate	Mild Cleansing Agent	2,00
	ERCAGREEN 10L - ErcaWilmar	Polyglyceryl-10 Laurate	Mild Cleansing Agent	2,00
	ERCAREL CAP V - ErcaWilmar	Coco-Caprylate/Caprate	Emollient	3,00
	Ethanol	Ethanol	Solvent	18,00
	Fragrance - Expressions Parfumées	Parfum	Fragrance	2,00
Phase 3 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: Gellish Balm - pH: 5.5 - 6.5 - Viscosity (Brookfield DV-E, 20°C): 2,000 - 3,000 mPa.s - Not microbiologically tested.

$\label{thm:local_equation} \textbf{HOW ERCA-WILMAR INGREDIENTS ADD VALUE TO THIS FORMULATION:} \\$

ERCAMILD LS 30 (Sodium Lauroyl Sarcosinate): mild anionic surfactant with a high foaming power, used in toiletries. It is easily biodegrable. Indicated in all tensioactive cosmetic preparations.

ERCAGREEN 10L (Polyglyceryl-10 Laurate): PEG-free, mild, safe, biodegradable and highly skin-compatible surfactant from renewable plant resource. This product may be used for baby-care products, toiletries, and as co - emulsifier for low-viscosity O/W emulsions.

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

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.