

Intense black colour Waterproof film-forming system Category - Decorative

LONG LASTING DEFINITION EYELINER - TECHNICAL APPLICATION SHEET Formulation n° EW2002091

MANUFACTURING PROCESS	INGREDIENTS	INCI / CHEMISTRY	FUNCTION	WEIGHT %
Phase 1 Add all ingredients of Phase 1 and stir gently to wet the pigment.	Water, Demin.	Aqua	Solvent	q.b. to 100
	Xanthan Gum, Lecithin, Sclerotium Gum, Pullulan	Xanthan Gum, Lecithin, Sclerotium Gum, Pullulan	Gelling Agent	1,00
	Pentylene Glycol, Phenylpropanol	Pentylene Glycol, Phenylpropanol	Moisturizing Agent	3,00
	CI 77266	CI 77266	Pigment	9,00
Phase 2 Add Phase 2 to Phase 1 while stirring with high agitation (900 - 1000 rpm) for emulsifying.	ERCASORB ML V - ErcaWilmar	Sorbitan Laurate	O/W Emulsifier	2,00
Phase 3 Add the film former under slow agitation.	ERCAFIL PU 35 - ErcaWilmar	Polyurethane-35	Film Forming Agent	20,00
Phase 4 Add the preservative system under stirring and adjust the pH to 6,5 - 7,0.	Preservative System	Preservative System	Preservative System	q.b.
	Lactic Acid	Lactic Acid	Buffering	q.b.

PRODUCT SPECIFICATIONS

 $\label{eq:Appearance:Black Liquid - pH: 6,5 - 7,0 - Viscosity (Brookfield DV-E, 20°C): 2,000 - 4,000 \ mPa.s - Not microbiologically tested.}$

HOW ERCA-WILMAR INGREDIENTS ADD VALUE TO THIS FORMULATION:

 $\mbox{\bf ERCASORB}\mbox{\bf ML}$ (Sorbitan Laurate): non ionic surfactant, designed for Skin and Personal Care products.

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 weel as water and sweat resistant properties to formulations. Is expecially used in long wear mascara and eyeliners.

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.