

SAMPLE FORMULATION

Lab# UMC0007

ACT Long Lasting Mascara					
A long wearing, flexible mascara that lasts all day.					

	Material Name	INCI Name	Functions	Supplier	%
A	Yellow Carnauba Wax NF	Copernicia Cerifera	Stabilizer	Koster Keunen	6.00
	Kester Wax K-SWR	C20-40 Alcohols (and) Euphorbia Cerifera (Candelilla) Wax(and) Copernicia Cerifera (Carnauba) Wax(and) Glycol Distearate (and) Montan Acid Wax	Stabilizer	Koster Keunen	4.00
	Microcrystalline 170/180	Microcrystalline Wax	Stabilizer	Koster Keunen	2.00
	Dow Corning 680 ID Fluid	Polypropylsilsesquioxane (and) Isododecane	Film Former	Dow Corning	4.00
	Granresin PMSQ	Polymethylsilsesquioxane (and) Dimethicone	Film Former	Grant Industries	6.00
	KF-6105	Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	Emulsifier	Shin Etsu Silicones	6.00
	Unifilma HVY	Dextrin Isostearate	Film Former	Miyoshi America	2.00
	ACT Black	Iron Oxides (and) Triethoxycaprylsilane	Pigment	Miyoshi America	15.00
	Fancol ID	Isododecane	Emollient	Fancor	23.90
B	Granresin MQI-2450	Isododecane (and) C24-28 Alkyldimethylsiloxy Trimethylsiloxy silicate	Film Former	Grant Industries	4.00
	Water	Water			26.00
	Sodium Chloride Powder, USP	Sodium Chloride	Viscosity Modifier	Spectrum Chemical	0.10
	Emeressence 1160	Phenoxyethanol	Preservative	Cognis	1.00
				Total:	100.00

Procedure	
1	Weigh beaker, record weight and add Fancol ID and Unifilma HVY. Begin heating to 65° C while mixing with a propeller mixer at 400 rpms.
2	Once Unifilma is dissolved, add the remainder of Phase A except the ALT-Black NH and increase heat to 75 to 80° C.
3	When waxes are completely dissolved add ALT-Black NH and increase mixing speed to 600 rpms.
4	In a separate beaker weigh water and Sodium Chloride powder and hand stir to dissolve Sodium Chloride. Then add Phenoxyethanol to the mixture and homogenize for 1 minute at 4000 rpms.
5	Weigh Phase A and replace evaporated Fancol ID. Remove Phase B from the homogenizer and slowly begin to add Phase B into Phase A while increasing propeller mixer speed to around 700 to 800 rpms.
6	Once Phase B is fully incorporated into Phase A, increase mixing speed to 1200 rpms and continue mixing for 10 minutes. Remove from mixer and pour into desired mascara containers.