

VOLUMIZING MASCARA WITH SYNTRAN® 5760

Formulation F18-074-01.760

<u>Phase</u>	<u>Ingredients</u>	<u>INCI Designation</u>	<u>Weight %</u>
A	Water (+3% of evaporation)	Aqua	51.00
	Disodium EDTA	Disodium EDTA	0.10
	Propylene Glycol	Propylene Glycol	2.50
A1	TEA (99%)	Triethanolamine	1.40
	Natrosol 250 HHR (Hercules/Aqualon)	Hydroxyethylcellulose	0.15
	Polyox WSR 205 (Amerchol)	PEG-14M	0.25
A2	Veegum K (Vanderbilt)	Magnesium Aluminium Silicate	1.75
B	Fancol VB (Fanning)	Limnanthes Alba butyrospermum Parkii	3.00
	Stearic Acid (Cognis)	Stearic acid	3.00
	Tego-Care 450 (Degussa care Specialties)	Polyglyceryl-3 methylglucose distearate	2.00
	Ozokerite T 319	Ozokerite	4.50
	Beeswax white (Strahl & Pitsch)	Cera alba	5.25
	Carnauba wax (Strahl & Pitsch)	Carnauba	4.00
	Propylparaben	Propylparaben	0.20
	Methylparaben	Methylparaben	0.25
	Tinogard TT (Ciba Specialty Chemicals)	Tetradibutyl pentaerithryl hydroxyhydrocinnamate	0.05
C	SYNTRAN® 5760 (Interpolymer)	Styrene/Acrylates/Ammonium Methacrylate Copolymer	10.00
D	Pigment A 401.30 Tudor Ebony (Kingfischer Colours)	CI 77499 Methicone	10.00
E	Phenoxyethanol	Phenoxyethanol	0.80
F	Aerosil 200 (Degussa AG)	Silica	0.50
G	Phytokeratin (Arch Personal Care Products)	Aqua / hydrolysed corn protein / Hydrolysed wheat protein / Hydrolysed soy protein	2.00
	Germall II (Sutton)	Diazolidinyl urea	0.20
	TEA (99%)	Triethanolamine	0.1

YIELD :

103.00 %

The suggestions and data included are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. It is the buyer's responsibility to determine the suitability of the above formulation through quality control and field testing. Suggestions for uses of our products should not be understood as recommendations that they be used in violating any existing or pending patents.

Procedure

- Heat Phase A at 70°C homogenizing. Add A1 and A2 in sequence homogenizing after each addition until completely dispersed and heat at 80°C
- Melt Phase B at 80-85°C by stirring. Add Phase B to Phase (A+A1+A2) while homogenizing.
- Cool to 70°C and add in sequence C and D while homogenizing after each addition
- Cool to 60°C and add in sequence E and F while homogenizing after each addition
- Coll to 40°C and add solution G (mixed) while homogenizing
- Cool to 25°C alternating stirring and homogenizing.

Viscosity RVT Brookfield (25°C) - Sample 500 g -

Helipath T-E 2.5 rpm : 1 000 000 mPa.s
 5 rpm : 650 000 mPa.s

pH 7.7 –8

2005

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