

Wide-Eyed Luminous Mascara

Formula # 4/21-402/858-3

Features

- Conventional O/W Formula
- Effective Mass Market Mascara

Color Cosmetics

Emulsion

Traditional Ingredients

Vegan

Formula

Kostol PGP

Non-ionic o/w emulsifier. Provides a quick break and light feel, without affecting viscosity. Designed for multiple formula types, wide pH tolerance. Usage level 2-6%.

SynKos Wax 2050

Synthetic wax that increases melt point and provides hard structure in anhydrous formulas, mimics the properties of medium melt paraffins, ozokerites, polyethylenes. Economical, versatile structurant.

Trade Name	INCI Name	%
<i>Phase A</i>		
Deionized Water	Aqua	56.0
Solagum AX ²	Acacia Senegal Gum (and) Xanthan Gum	1.0
Butylene Glycol ³	Butylene Glycol	3.0
HDK N20 Pyrogenic Silica ⁴	Silica	1.0
Tealan 99 ⁵	Triethanolamine	0.5
<i>Phase B</i>		
Kostol PGP ¹	Polyglyceryl-3 Stearate, Beheneth-5	2.5
SynKos 2050 ¹	Synthetic Wax	5.0
Kester Wax SWR ¹	C20-40 Alcohols, Candelilla Wax, Carnauba Wax, Glycol Distearate, Montan Acid Wax	3.0
Stearic Acid ¹	Stearic Acid	2.0
Jeechem ISACD ³	Isostearic Acid	3.0
Indopol H-100 ⁶	Polyisobutene	4.0
Ganex V-220F ⁴	VP/Eicosene Copolymer	2.0
Unipure Triple Black LC 990 ⁷	Iron Oxides CI 77499	10.0
<i>Phase C</i>		
Optiphen ⁴	Phenoxyethanol, Caprylyl Glycol	1.0
Denatured Alcohol	Alcohol Denat	6.0

Procedure

- Combine Phase A ingredients one at a time and heat to 80 – 85°C with mixing.
- Combine Phase B ingredients and heat to 80 – 85°C.
- Once both Phases are at homogenous and at temperature, add Phase B to Phase A and increase mixing speed.
- Mix at high speed until emulsion is smooth.
- Cool with slower mixing to 50 – 55°C and add Phase C ingredients. Once homogenous, pump into containers

Stability Information:

Three months at 45 °C, three months at room temperature, three freeze/thaw cycles.

Supplier Information:

1. Koster Keunen, Inc.; 2. Seppic; 3. Jeen; 4. Brenntag Specialties; 5. Rita; 6. INEOS; 7. Sensient

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