

Eco Edge Glaze
N18484-006

Description

A completely natural formulation which provides excellent gloss with flexible hold perfect for Curly Hair. Structure® Silk starch acts as a thickener in addition to providing a shiny look on the hair. Amaze® XT polymer stabilizes the formulation in addition to its film-forming effect. Amaze SP Polymer gives a natural and flexible hold to the hair along with curl retention. SolAmaze® Natural solution locks moisture and adds to the film-forming effect on hair.

Formula

Trade Name	INCI Name	%w/w	Supplier
Phase A			
Deionized Water	Aqua (Water)	71.120	Local
Structure® Silk starch	Hydroxypropyl Starch Phosphate	2.380	Nouryon
Amaze® XT polymer	Dehydroxanthan Gum	0.500	Nouryon
Amaze™ SP Polymer	Sodium Polyitaconate	3.000	Nouryon
Glycerol Veg 99%	Glycerin	10.000	Univar
Phase B			
Kahlwax 8104	Cera Alba	1.000	Kahlwax
1,2-Propanediol	Propylene Glycol	5.000	Merck
SolAmaze® Natural solution	Diisostearoyl Polyglyceryl-3 Dimer Dilinoleate (and) Caprylic/Capric Triglyceride	5.000	Nouryon
Sunflower Oil	Helianthus Annuus (Sunflower) Seed Oil	1.000	Local
Microcare® PEHG	Phenoxyethanol (and) Ethylhexylglycerin	1.000	Thor
Total:		100.000	

Procedure

Phase A: Mix Structure® Silk starch and Amaze XT powder in glycerin and slowly add them to deionized water (main vessel) under anchor mixing (~700 rpms) with a vortex and mix at high speed for ~15 minutes to disperse. Heat the main vessel to reach 85 °C in a water bath when the powder has been completely dissolved. On another container mix the Amaze SP in deionized water with magnetic stirrer and wait until all air bubbles disappear after complete mixing. Add the Amaze SP Solution to the main vessel. Phase B: Add all of the ingredients in a glass beaker and heat to 85 °C. When the wax is completely melted and the temperature of the mixture is 80-85 °C, add Phase B to Phase A under anchor stirring at low RPM mixing ~250RPM. Allow them to mix in the water bath at 85 °C for few minutes. Homogenize the mixture for 1 minute and cool the solution under mixing till 50 degrees. Add Microcare PEHG and allow the formulation to come to room temperature.

Properties

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Appearance	Oily and smooth low viscous pomade in a soft golden color	
Viscosity	10000 - 20000 centipoise	Speed: 10 rpm, Spindle: 4 , Temperature: 20 celsius , Equipment: RV
pH	6.00-6.50	

Packaging

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