

Description

This alcohol free spritz uses BIOSTYLE™ CGP polymer to provide stiffness and humidity resistance in a more natural working spray system. This water-based formula helps to sculpt and style wet hair and provides medium hold and stiffness when dry. The maltodextrin-derived BIOSTYLE CGP polymer is a low viscosity, easy to formulate liquid that requires no heating or neutralization, giving the formulator a simple way to create more natural and sustainable styling products. This working spray, based on the naturally-derived fixative polymer and containing no alcohol or propellants, is an environmentally-preferable way to create high-performance styling aids.

Formula

Trade Name	INCI Name	% w/w	Supplier
Phase A			
Deionized Water	Water (Aqua)	81.18%	Local
BIOSTYLE™ CGP polymer (24% Active)	Maltodextrin/VP Copolymer	16.67%	AkzoNobel Global Personal Care
1,2-Propanediol	Propylene Glycol	0.10%	Merck
Ritapan-DL	Panthenol	0.15%	Rita Corporation
Dow Corning 193C Fluid	PEG-12 Dimethicone	0.20%	Dow Corning Corp
BioMin® Marine 10 % solution RS	Sea Salt	1.00%	Arch Chemical
Euxyl PE 9010	Phenoxyethanol (and) Ethylhexylglycerin	0.70%	Schülke & Mayr GmbH
Total:		100.00%	

Procedure

Into the main mixing vessel charge all the water contained in Phase A and mix at 600 rpm using a 4 leaf propeller blade.

Add Biostyle CGP polymer and mix until homogeneous.

Add the remaining ingredients mixing well between each addition.

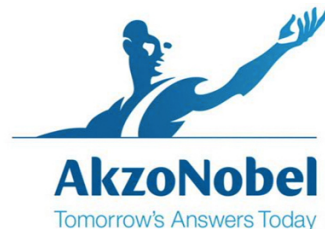
Properties

pH	6.5 - 7.0	@ 25°C
Appearance	clear, water white liquid	

Packaging

PRODUCT: CARDINAL OPTIMA 24MM
LABNUM CARD SPRAY .014 X .010 DEEP
BUTTON: CARDINAL SPRAY WHITE WPC-116
INSERT 014 S 010 DP CHAN NATURAL
BODY: 140 MCL OUTPUT EM OPTIMA ORANG
PISTON: EM II PISTON
POPPET: EM II POPPET
TURRET: 24MM
LINER: EM 24 MM DARK BLUE
SPRING: STAINLESS STEEL EM OPTIMA
SEAL VALVE: EM II SEAL VALVE
TUBE: .060 CAPILLARY
TUBE LENGTH: 06 13/16"

Note: This product has not been evaluated for safety clearance for use in pumps and/or aerosols with particle



sizes less than 50 microns.

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