

Hair Styling Ingredients

Hold:

Strong Hold

Advantage™ Polymers
Aquaflex™ FX-64
AquaStyle™ 300 AF
Gantrez™

Strong Hold

PVP
PVP/VA
Styleze™ CC-10
Omnirez™ 2000

Medium Hold

Advantage™ Plus
AquaStyle™ SH-100
Styleze™ W

Soft, Flexible Hold

Aquaflex™ XL-30
Gaffix™ VC-713
Gafquat™
Styleze™ 2000
BELSIL® P 1101

Viscosity Modifiers:

Carbomer
UltraThix™

Klucel™
FlexiThix™

RapiThix™
Beeswax

Natrosol™

Anti-Frizz:

AquaStyle™ 300 AF
BELSIL® GB 1020

RapiThix™
BELSIL® TMS 803

BELSIL® CM 3092
BELSIL® DM 3096

BELSIL® CM 1000
Kester K-24

Shine:

BELSIL® PF 200
BELSIL® ADMs
Omnirez™ 2000

BELSIL® PF 22
Aquaflex™ FX-64
Styleze™ CC-10

BELSIL® PDM 20
AquaStyle™ 300 AF
Advantage™ Polymers

BELSIL® PDM 1000
Gantrez™ Polymers
Ceraphyl™ Esters

Emollients:

Ceraphyl™ Esters
Cocoa Butter
Kester K-24

Shea Butter
EVOIL® Oil Blends

BELSIL® CDM 3526
Jolee 7750

Natural Oils
BELSIL® DM Fluids

Preservatives:

Silverion™ 2400
Germall™

Optiphen™
LiquaGard™

Conarom™
LiquaPar™

Germaben™
Suttocide™ A

Functionality:

Avenacare™ - Strengthening

Sumicos™ & Prestige® - Visual Enhancement

Vincienc™ BiotHAIRapy™ - Functional Ingredients

Keramois L, Silk MW 1000, Silk Q, Tofu PL, Wheat PL, Wheat Q - Proteins for overall health

Style Fusion™ Complex - Multifunctional blends

Panacea Hair Treatment 04-004

Phase A	% W/W	Supplier
Deionized Water	37.60	
Hydroxyethylcellulose (Natrosol® 250 HHR).....	0.85	BSI - Ashland
Acrylamidopropyltrimonium Chloride/Acrylamide Copolymer (N-DurHance™ AA-2000)	3.00	BSI - Ashland
Glycerin	2.00	Brenntag
Phase B		
Polyquaternium-37 (and) Propylene Glycol Dicaprylate/Dicaprate (and) PPG-1 Trideceth-6 (Conditioneze™ 37E)	0.75	BSI - Ashland
Cyclopentasiloxane (and) Dimethiconol (BELSIL® CM 1000)	1.00	BSI - Wacker
Amodimethicone/Morpholinomethyl Silsesquioxane Copolymer (and) Trideceth-5 (and) Glycerin (BELSIL® ADM 8301 E)	3.00	BSI - Wacker
Hydroxypropyltrimonium Hydrolyzed Silk (Silk Q)	1.50	BSI
Propylene Glycol (and) Diazolidinyl Urea (and) Iodopropynyl Butylcarbamate (Liquid Germall™ Plus).....	0.50	BSI - Ashland
Trimethylsiloxyphenyl Dimethicone (BELSIL® PDM 20)	0.75	BSI - Wacker
Hydroxypropyl Gluconamide (FiberHance™ BM).....	1.00	BSI - Ashland
Sclerocarya Birrea Seed Oil (Marula Oil)	1.00	BSI - Southern Botanica
Phase C		
Deionized Water	35.00	
VP/DMAPA Acrylates Copolymer (Styleze™ CC-10)	12.00	BSI - Ashland
Phase D		
Water (and) Citric Acid (Citric Acid 50% Solution).....	0.05	Brenntag

About the Ingredients:

Styleze™ CC-10: Provides superior, durable hold with long-lasting curl retention and heat protection. Styleze™ CC-10 forms a non-tacky film while adding conditioning and bodifying effects to the hair.

BELSIL® PDM 20: High refractive index Phenyl Dimethicones are most widely used as a shine enhancing additive. Additionally, they provide an anti-tack benefit to formulations.

BELSIL® CM 1000: Dimethiconol Gum Blend that has a high reduction of wet and dry combining force, improves feel and humidity resistance, and coats and soothes the hair cuticle, giving it a repairing effect.

BELSIL® ADM 8301 E: An excellent conditioning agent in hair care applications. It provides a soft, silky touch and strongly reduces dry and wet combing forces. BELSIL® ADM 8301 E reduces color fade of colored hair and protects hair during heat treatments.

Silk Q: A trimethyl quaternary ammonium derivative of Silk Protein. Activated by cationization, it gives excellent adsorption, glossiness and a fine, soft touch to hair.

N-DurHance™ AA-2000: Substantive conditioning polymer that helps restore hair to its natural hydrophobic state and repair damage. Benefits include enhanced shine, improved wet combing, increased humidity resistance and reduction of frizz.

FiberHance™ BM: Unique bond mender material to provide internal strengthening. Aging, heat appliances and color/chemical treatments all contribute to weakened and damaged hair fibers. FiberHance™ BM penetrates to the cortex and creates additional hydrogen and anionic bonds within the keratin structure restoring hair fiber strength.

Conditioneze™ 37E: A multifunctional cationic dispersion that imparts conditioning, viscosity and stabilization. Conditioneze™ 37E provides good wet and dry combing and is suitable for cationic and non-ionic systems.

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For more information or assistance, contact Technical Services at BSI_regulatory_dept@brenntag.com