

NOURISHING SHINE & COLOR HAIR MASK

COD: CAM002A21

Description: Instant hair mask with immediate conditioning effects thanks to Uniox Quat C 22. Formulated with ProShine, it activates the intense shine and enhances hair color; results noticeable from the first application, without making hair look heavy.

Directions: Apply to wet hair and massage. Let sit for a few minutes. Rinse thoroughly.

Phase	Composition	INCI	% (p/p)	Function
A	Uniox Quat C22	Behentrimonium Chloride (and) Cetearyl Alcohol	1,00	Emulsifier
	Cetostearyl alcohol 30/70	Cetearyl Alcohol	4,00	Emulsifier
	Cetyl alcohol	Cetyl Alcohol	1,00	Emulsifier
B	Deionized water q.s.p	Aqua/Water	100,00	Solvent
	Sodium gluconate	Sodium gluconate	0,05	Chelating
	Cetrimonium Chloride 50%	Cetrimonium Chloride	1,00	Antistatic
C	Deionized water	Aqua/Water	5,00	Solvent
	Citric acid pH 5.5 – 6.5	Citric acid	0,10	Neutralizer
D	ProShine	Propanediol Castor Esters	1,00	Active
	Hebeatol® Plus	Xylityl Sesquicaprylate	0,50	Preservative

Manufacturing process

- Heat phases A and B separately at 80-85°C.
- Add phase B over phase A. Emulsify.
- Start cooling under agitation.
- Add components of phase C and check the pH.
- Around 40°C, add the components of phase D, one by one, and homogenize under agitation.

Physical and Chemical Characteristics

Appearance	pH	Viscosity
White cream	3.5 – 4.5	TF/5 55.000 - 65.000cPs

Chemyunion Ingredients

Uniox Quat C22: Self-emulsifying cationic wax. Its behenic chain makes combing easier, reduces static and prevents tangles. Provides conditioning and shine to the hair.

Hebeatol® plus: Functional xylitol ester with antimicrobial property. Helps to reduce or eliminate controversial preservatives. Has skin restoration properties. Compatible with polymeric systems. Perfect for hair and skin formulas.

ProShine: 100% plant-based esters, with a unique interaction with the hair fiber that activates intense hair shine and enhances color.

Information contained herein is based on data that we believe to be reliable.

We recommend that any application be extensively tested so that you can independently conclude about the satisfactory performance of our products before commercializing them. Suggestions for use should not be construed as inducing the infringement of any particular patent.



CHEMYUNION

BOOSTING SHINE & COLOR SHAMPOO

COD: CASH004A21

Description: Shampoo formulated with ProShine, an exclusive active that provides transparent formulations and also delivers intense shine and color enhancement to the hair. Formula free of controversial preservatives, thanks to Hebeatol® Plus, a functional xylitol ester with antimicrobial property.

Directions: Apply some of the product to the hands and then to wet hair. Massage gently and then rinse.

Phase	Composition	INCI	% (p/p)	Function
A	Deionized water qsp	Aqua/Water	100,00	Solvent
	Sodium gluconate	Sodium gluconate	0,05	Chelating
B	Sodium Lauryl Ether Sulfate	Sodium Laureth Sulfate	22,00	Surfactant
	Cocamidopropyl betaine	Cocamidopropyl betaine	9,00	Surfactant
C	Citric acid 50% qsp	Citric acid	pH = 5.5–6.5	pH adjustment
	Deionized water qsp	Aqua/Water	1,00	Solvent
D	ProShine	Propanediol Castor Esters	0,50	Active
E	Hebeatol® Plus	Xylityl Sesquicaprylate	0,50	Antimicrobial

Manufacturing process

- Prepare phase A by solubilizing sodium gluconate in water.
- Prepare phase B and, after it gets completely homogeneous, add phase A.
- Prepare phase C, add to the mixture and homogenize.
- Add phase D to the mixture and homogenize.
- Add phase E to the mixture and homogenize.

Physical and Chemical Characteristics

Appearance	pH	Viscosity
Opaque viscous liquid	5.5 – 6.5	LV SP4/10RPM 9.400 cps

Chemyunion Ingredients

Hebeatol® plus: Functional xylitol ester with antimicrobial property. Helps to reduce or eliminate controversial preservatives. Has skin restoration properties. Compatible with polymeric systems. Perfect for hair and skin formulas.

ProShine: 100% plant-based esters, with a unique interaction with the hair fiber that activates intense hair shine and enhances color.

Information contained herein is based on data that we believe to be reliable.

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LEAVE-IN FOR SHINE & COLOR ENHANCEMENT

COD: CLV007A21

Description: Hair leave-in with immediate conditioning effects thanks to Uniox Quat C 22. Formulated with ProShine, it activates the intense shine and enhances hair color; results noticeable from the first application, without making hair look heavy.

Directions: Apply a small amount to the hands and massage the hair, preferably from the middle to the ends. It can be used to comb or brush hair.

Phase	Composition	INCI	% (p/p)	Function
A	Cetostearyl alcohol 30/70	Cetearyl Alcohol	2,00	Emulsifier
	Uniox Quat C22	Behentrimonium Chloride (and) Cetearyl Alcohol	2,00	Emulsifier
	Cetyl alcohol	Cetyl Alcohol	0,80	Emulsifier
B	Deionized water qsp	Aqua/Water	100,00	Solvent
	Sodium gluconate	Sodium gluconate	0,05	Chelating
	Cetrimonium Chloride 50%	Cetrimonium Chloride	1,00	Antistatic
C	Citric acid 20%	Citric acid	0,10	pH adjustment
D	ProShine	Castor Oil Propanediol Esters	1,00	Active
E	Hebeatol® Plus	Xylityl Sesquicaprylate	0,50	Antimicrobial

Manufacturing process

- Heat phases A and B separately at 75-80°C.
- Add phase B over phase A. Agitate for 10 minutes under heating.
- Start cooling under agitation.
- Around 45°C, add phase C. Homogenize.
- Add phase D and homogenize.
- Add phase E and homogenize.

Physical and Chemical Characteristics

Appearance	pH	Viscosity
White creamy lotion.	3.5 – 4.5	TF/ 5: 20,000 - 26.000cPs

Chemyunion Ingredients

Uniox Quat C22: Self-emulsifying cationic wax. Its behenic chain makes combing easier, reduces static and prevents tangles. Provides conditioning and shine to the hair.

Hebeatol® plus: Functional xylitol ester with antimicrobial property. Helps to reduce or eliminate controversial preservatives. Has skin restoration properties. Compatible with polymeric systems. Perfect for hair and skin formulas.

Proshine: 100% plant-based esters, with a unique interaction with the hair fiber that activates intense hair shine and enhances color.

Information contained herein is based on data that we believe to be reliable.

We recommend that any application be extensively tested so that you can independently conclude about the satisfactory performance of our products before commercializing them. Suggestions for use should not be construed as inducing the infringement of any particular patent.