

## MAX ALIGNMENT - SOLID CONDITIONER

COD: CAC016B21

**Description:** A stick conditioner that gives hair shine and softness provided by **Uniox Quat C22**, in addition to helping to align the strands as it has **Allinea** in its structure.

**How to use:** After the washing step, with the hair still damp, apply the necessary amount. Without rinsing, submit the hair to a flat iron, applying heat to the hair 10 times at an average temperature of 220°C/428°F to perform the product's thermoactivation. Save a step, thus having speed and convenience combined with high performance.

Phase	Composition	INCI	% (p/p)	Function
A	Unibase Karité	Vegetable Oil (and) Butyrospermum Parkii (Shea) Butter	15.00	Emollient
	Uniox Quat C22	Cetearyl Alcohol (and) Behentrimonium Chloride	61.00	Emulsifier
	Allinea	Water (and) Lactic Acid (and) Ethyl Linoleate (and) Ethyl Oleate (and) Trehalose (and) Polyglyceryl-10 Laurate (and) Glycolic Acid (and) Magnesium Aluminum Silicate (and) Cocos Nucifera (Coconut) Oil (and) Sodium Lignosulfonate (and) Behentrimonium Chloride	5.00	Active Ingredient
	Cetyl Alcohol	Cetyl Alcohol	1.00	Emulsifier
	Kahlwax 6607L - Sunflower Seed Wax	Helianthus Annuus Seed Cera, Ascorbyl Palmitate, Tocopherol	3.00	Structuring
	Tocopherol Acetate	Tocopherol Acetate	0.50	Antioxidant
	Sensactive APG-LG	Lauryl Glucoside	3.00	Surfactant
	Emolid CC	Coco-Caprylate (and) Caprate	7.50	Emollient
	Cetearyl Alcohol	Cetearyl Alcohol	3.00	Emulsifier
B	Hebeatol® Plus	Xylityl Sesquicaprylate	0.50	Antimicrobial
	Fragrance	Parfum / Fragrance	0.50	Fragrance

**Process:**

- Prepare Phase A and submit to controlled heating (80-85°C) under stirring at 500 rpm
- Around 50°C, add the components of Phase B, one by one, keeping the homogenization constant. Hot fill.

**Physical-Chemical Characteristics**

Appearance	pH	Viscosity
Light brown solid	N.A.	N.A.

**Chemyunion Ingredients**

**Uniox Quat C22:** Self-emulsifying cationic wax. Its behenic chain facilitates the hairstyle, reduces static and avoids the tangle of hair. Provides conditioning and shine to hair.

**Unibase Karité:** Vegetable emollient that hydrates and nourishes, providing smoothness to the skin and hair.

**Sensactive APG-LG:** Non-ionic surfactant found within the polyglycoside family, easy to formulate, soluble and stable in liquid formulations containing high levels of electrolytes. Very soft and easily biodegradable.

**Hebeatol® Plus:** Functional xylitol ester with antimicrobial property. Helps reduce or eliminate controversial preservatives. Ideal for hair and skin formulas.

**Allinea:** Active developed for the temporary realignment of hair fibers, providing reduction in volume and hair frizz. A synergistic association of alpha-hydroxy acids, ethyl esters, disaccharide, smectite clay, coconut triglycerides and the reuse of a biopolymer from a renewable plant source called lignin.

The 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 using them commercially. Suggestions for use should not be construed as inducing the infringement of any particular patent.



**CHEMYUNION**

## HIGH CONDITIONING AND HAIR ALIGNMENT MASK

COD.: CAM004A21

**Description:** Ultra-conditioning mask with shine and softness action for hair, provided by **Hidragloss Quat C22**, which also provides the temporary alignment of hair fibers, provided by **Allinea**.

**How to use:** After the washing step, with the hair still damp, apply the necessary amount. Without rinsing, submit the hair to a flat iron, applying heat to the hair 10 times at an average temperature of 220°C/428°F to perform the product's thermoactivation. Save a step, thus having speed and convenience combined with high performance.

Phase	Composition	INCI	% (p/p)	Function
A	<b>Hidragloss Quat C22</b>	<b>Cetearyl Alcohol (and) Behentrimonium Chloride (and) Astrocaryum Murumuru Seed Butter</b>	<b>6.50</b>	<b>Emulsifier</b>
	C12-15 Alkyl Benzoate	C12-15 Alkyl Benzoate	1.50	Emollient
	Caprylic/Capric Triglyceride	Caprylic/Capric Triglyceride	2.50	Emollient
	Cetyl Alcohol	Cetyl Alcohol	2.00	Emulsifier
	Stearamidopropyl Dimethylamine	Stearamidopropyl Dimethylamine	1.50	Conditioning Agent
B	Glycerin	Glycerin	3.00	Humectant
	Jaguar C-13S	Guar Hydroxypropyltrimonium Chloride	0.75	Conditioning Agent
C	Deionized water	Aqua	75.93	Solvent
	EDTA Disodium	EDTA	0.10	Chelating
	Lactic Acid Sol. 85%	Lactic Acid	0.22	pH Adjustment
D	<b>Allinea</b>	<b>Water (and) Lactic Acid (and) Ethyl Linoleate (and) Ethyl Oleate (and) Trehalose (and) Polyglyceryl-10 Laurate (and) Glycolic Acid (and) Magnesium Aluminum Silicate (and) Cocos Nucifera (Coconut) Oil (and) Sodium Lignosulfonate (and) Behentrimonium Chloride</b>	<b>5.00</b>	<b>Active Ingredient</b>
	Fragrance	Fragrante/Parfum	0.50	Fragrance
	<b>Hebeatol® Plus</b>	<b>Xylityl Sesquicaprylate</b>	<b>0.50</b>	<b>Antimicrobial</b>

**Process:**

- Previously, prepare Phase B and pour it into Phase C.
- Separately, submit Phases A and B+C to controlled heating at 80-85°C.
- Pour Phase A into the Main Phase, under agitation at 500 - 750 rpm for 10 minutes until the complete formation of the emulsion.
- Below 40°C, add the Phase D ingredients one by one, keeping the rotation until completely homogeneous.

### Physical-Chemical Characteristics

Appearance	pH	Viscosity
High viscosity, glossy emulsion	3,5 - 4,5	75.000 / LV64 / 5rpm

### Chemunion Ingredients

**Hidragloss Quat C22:** Multifunctional cationic emulsifier with conditioning and nourishing properties. Excellent hair shine and softness provider.

**Hebeatol® Plus:** Functional xylitol ester with antimicrobial property. Helps reduce or eliminate controversial preservatives. Offers skin restoration properties. Compatible with polymeric systems. Ideal for hair and skin formulas.

**Allinea:** Active developed for the temporary realignment of hair fibers, providing reduction in volume and hair frizz. A synergistic association of alpha-hydroxy acids, ethyl esters, disaccharide, smectite clay, coconut triglycerides and the reuse of a biopolymer from a renewable plant source called lignin.

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

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**CHEMYUNION**

## MAX SHINE AND ALIGNMENT - HAIR SPRAY

COD.: CLV026A21

**Description:** Light and pleasant sensory spray, has conditioning action and alignment provided by **Allinea**.

**Instructions for use:** Apply the desired amount to the hair, dry at maximum power and finish with a flat iron at 220°C / 428°F 10 times.

Phase	Composition	INCI	% (p/p)	Function
A	Deionized water	Aqua	88.35	Solvent
	Sodium Gluconate	Sodium Gluconate	0.05	Chelating
B	Tocopheryl Acetate	Tocopheryl Acetate	0.10	Antioxidant
	Ceteareth-20	Ceteareth-20	1.00	Emulsifier
	<b>Hidragloss Quat C22</b>	<b>Cetearyl Alcohol (and) Behentrimonium Chloride (and) Astrocaryum Murumuru Seed Butter</b>	<b>4.50</b>	<b>Emulsifier</b>
C	<b>Hebeatol® Plus</b>	<b>Xylityl Sesquicaprylate</b>	<b>0.50</b>	<b>Antimicrobial</b>
	Fragrance	Fragrance/Parfum	0.50	Fragrance
	<b>Allinea</b>	<b>Water (and) Lactic Acid (and) Ethyl Linoleate (and) Ethyl Oleate (and) Trehalose (and) Polyglyceryl-10 Laurate (and) Glycolic Acid (and) Magnesium Aluminum Silicate (and) Cocos Nucifera (Coconut) Oil (and) Sodium Lignosulfonate (and) Behentrimonium Chloride</b>	<b>5.00</b>	<b>Active Ingredient</b>

**Process:**

- Prepare, separately, Phases A and B and submit them to controlled heating at 80-85°C.
- Add phase B over phase A, maintain temperature and agitation for 10 minutes.
- After melting the components, pour, under stirring at 500 - 750 rpm, Phase B over Phase A, maintaining the temperature and initial rotation for 10 minutes.
- Below 40°C, add phase C ingredients one by one, mixing after each addition.

**Physical-Chemical Characteristics**

Appearance	pH	Viscosity
Light brown low viscosity emulsion	3,5 - 4,5	800 / LV62 / 20rpm

### **Chemunion Ingredients**

**Hidragloss Quat C22:** Multifunctional cationic emulsifier with conditioning and nourishing properties. Excellent hair shine and softness provider.

**Hebeatol® Plus:** Functional xylitol ester with antimicrobial property. Helps reduce or eliminate controversial preservatives. Offers skin restoration properties. Compatible with polymeric systems. Ideal for hair and skin formulas.

**Allinea:** Active developed for the temporary realignment of hair fibers, providing volume reduction and hair frizz. A synergistic association of alpha-hydroxy acids, ethyl esters, disaccharide, smectite clay, coconut triglycerides and the reuse of a biopolymer from a renewable plant source called lignin.

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