

SPRAY FREE STYLING TERMOPROTETOR

CLV003F19

Phase	Name	INCI	% (p/p)	Function
A	Uniox Quat C22	Behentrimonium Chloride (and) Cetearyl Alcohol	1,00	Emulsifier
	Sensoveil Soft	Ethyl Linoleate (and) Ethyl Oleate (and) Crambe Abyssinica Seed Oil (and) Helianthus Annuus (Sunflower) Seed Oil (and) Persea Gratissima (Avocado) Oil.	1,00	Active Ingredient
	Omega Plus	<i>Helianthus annuus</i> (Sunflower) Seed Oil (and) <i>Zea mays</i> (Corn) Oil (and) <i>Sesamum indicum</i> (Sesame) Seed Oil (and) <i>Macadamia integrifolia</i> Seed Oil (and) <i>Olea europaea</i> (Olive) Fruit Oil	0,20	Active Ingredient
	Polysorbate-80	Polysorbate-80	1,20	Emulsifier
	Cetearyl Alcohol	Cetearyl Alcohol	0,50	Emulsifier
	Ceteareth-20	Ceteareth-20	1,50	Emulsifier
B	Deionized Water	Aqua/Water	100,00	Solvent
	Cetrimonium Chloride	Cetrimonium Chloride	1,50	Antistatic
	Glycerin	Glycerin	3,00	Humectant
	Polyquaternium-7	Polyquaternium-7	0,50	Film Former
C	Hebeitol® Plus	Xylityl Sesquicaprylate	0,25	Antimicrobial
	ThermoShield Premium	Water (and) Glycerin (and) Salvia Hispanica Seed Extract (and) Trehalose (and) Xylitol (and) Caprylyl/Capryl Glucoside (and) Ethyl Linoleate (and) Ethyl Oleate (and) Sorbitan Oleate (and) Polyquaternium-37 (and) Sodium Phosphate	2,00	Active Ingredient
	Wavemax	Water (and) <i>Linum usitatissimum</i> (Linseed) Seed Extract (and) <i>Salvia hispanica</i> Seed Extract.	3,00	Active Ingredient
	Fragrance	Parfum/Fragrance	0,50	Fragrance

Process:

- Heat the Phases A and B separately until 75-80°C
- Add the Phase B in Phase A, mix for 10 minutes in 500-750 rpm, maintaining the heat
- Start cooling down
- At 45°C, add, one by one, the ingredients of Phase C, mixing in each addition.

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained therefrom. The information is based on laboratory work with small-scale equipment and does not necessarily indicate end product performance. Full-scale testing and end product performance are the responsibility of the user. Chemyunion shall not be liable for and the customer assumes all risk and liability of any use or handling of any material beyond Chemyunion's direct control. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.

HEAT PROTECTANT CREAM

CLV009A19

Phase	Name	INCI	% (w/w)	Function
A	Uniox Quat C22	Cetearyl Alcohol (and) Behentrimonium Chloride	2.00	Emulsifyer
	Cetyl Alcohol	Cetyl Alcohol	1.00	Emulsifyer
	Deionized water qs to	Aqua/Water	100.00	Solvent
B	Sensoveil Soft	Ethyl Linoleate (and) Ethyl Oleate (and) Crambe Abyssinica Seed Oil (and) Helianthus Annuus (Sunflower) Seed Oil (and) Persea Gratissima (avocado) Oil	1.00	Antistatic
	Glycerin	Glycerin	1.00	Humectant
	Citric Acid (20%)	Citric Acid	0.10	pH Adjust
	Fragrance	Parfum/Fragrance	0.50	Perfuming
C	ThermoShield Premium	Water (and) Salvia Hispanica Seed Extract (and) Trehalose (and) Ethyl Linoleate (and) Ethyl Oleate	2.00	Ingredient Active
	Polluout	Water (and) Galactoarabinan (and) Salvia Hispanica Seed Extract (and) Glycerin (and) Trehalose (and) Xylitol (and) Panthenol (and) Camelia Sinensis Leaf Extract (and) Sodium Phosphate	2.00	Ingredient Active
	Hidrahair O2 3R	Glycerin (and) Glycine Soja (Soybean) Seed Extract (and) Elaeis Guineensis (Palm) Fruit Extract (and) Oryza Sativa (Rice) Extract	0,50	Ingredient Active
	Hebeato[®] Plus	Xylityl Sesquicaprylate	0.25	Preservative

Procedure

- Heat, separately, both phases A and B at 80-85°C.
- Add phase B into A. Stir.
- Keep the temperature for 10 minutes under moderate stirring.
- Start cooling down under moderate stirring.
- At around 45°C, add one by one phase C ingredients mixing after each addition.

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CHEMYUNION

PRINCESS HAIR SERUM

COD: CLV020A21

Description: Serum with a fluid and light texture that replenishes essential lipids to the hair while you sleep thanks to **Sensoveil Soft**, in addition to forming a protective film on the strands with **Thermoshield Premium**, allowing the use of the dryer or flat iron even the next day.

Way of use: Apply to wet or dry hair and dry if necessary. For damaged hair, keep the product the next day and for other hair, rinse and dry.

Phase	Composition	INCI	% (p/p)	Function
A	Sensoveil Soft	Ethyl Linoleate (and) Ethyl Oleate (and) <i>Crambe Abyssinica</i> Seed Oil (and) <i>Helianthus Annuus</i> (Sunflower) Seed Oil (and) <i>Persea Gratissima</i> (avocado) Oil	2,00	Active Ingredient
	Hidragloss Quat C22	Cetearyl Alcohol (and) Behentrimonium Chloride (and) <i>Astrocaryum Murumuru</i> Seed Butter	5,00	Emulsifier
	Cetyl Alcohol	Cetyl Alcohol	0,75	Emulsifier
	Cetearyl Alcohol	Cetearyl Alcohol	2,00	Emulsifier
	Stearamidopropyl Dimethylamine	Stearamidopropyl Dimethylamine	0,80	Antistatic
B	Deionized Water	Water / Aqua	82,80	Solvent
	Lactic Acid 85%	Lactic acid	0,60	Neutralizing
	Sensactive APG-LG	Lauryl Glucoside	3,00	Tensoativo
	Dissodium EDTA	Dissodium EDTA	0,05	Quelante
C	Hebeatol® Plus	Xylityl Sesquicaprylate	0,50	Antimicrobiano
	Thermoshield Premium	Water (and) Glycerin (and) <i>Salvia Hispanica</i> Seed Extract (and) Trehalose (and) Xylitol (and) Caprylyl/ Capryl Glucoside (and) Ethyl Linoleate (and) Ethyl Oleate (and) Sorbitan Oleate (and) Polyquaternium-37 (and) Sodium Phosphate	2,00	Ativo
	Fragrance	Parfum / Fragrance	0,50	Fragrance

Process:

- Heat, separately, the Phases A and B at 80-85°C.
- Add Phase B to fase A and mix for 10 minutes at 500-750rpm
- Start cooling down
- At 45°C, add, one by one, the components of Phase C, mixing after each addition.

Physical Chemical Characteristics

Appearance	pH	Viscosity
White Fluid Serum	3,5 - 4,5	

Chemyunion Ingredients

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

Sensoveil Soft: A plant-based product, obtained through a proprietary technology that acts as a lipid replacement, forming a biofilm in the hair fiber through intermolecular attraction forces.

Thermoshield Premium: Active ingredient for thermal protection that retains water in the hair fiber, forming a protective film. Through a technological mechanism, it protects the hair from damage caused by heat, without compromising the ability to style it.

Hebeatol® plus: Xylitol functional ester with antimicrobial property. Helps reduce or eliminate controversial preservatives. Offers skin restoration properties. Compatible with polymeric systems. Ideal for hair and skin formulas.

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.

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