

## DEFINING CREAM GEL – CURLY HAIR 3A – 3B – 3C

# CAG004B17

Phase	Name	INCI	% (w/w)	Function
A	Deionized water qs to	Aqua/Water	100.00	Solvent
	Carbopol 940	Carbomer	1.00	Gel forming
	Kathon CG	Methylchloroisothiazolinone (and) methylisothiazolinone	0.10	Preservative
B	Deionized water	Aqua/Water	20.00	Solvent
	Disodium EDTA	Dissodium EDTA	0.10	Chellant
	Propylene glycol	Propylene Glycol	3.00	Humectant
	Glycerin	Glycerin	6.00	Humectant
C	Triethanolamine	Triethanolamine	1.00	pH adjust
D	<b>Emulfit FN 50</b>	Sodium Acrylate / Sodium Acryloyldimethyl Taurate Copolymer (and) Water (and) Caprylic/Capric Triglyceride (and) PEG-40 Hydrogenated Castor Oil	1,00	Emulsifier
	Deionized water	Aqua/Water	10.00	Solvent
E	<b>Wavemax</b>	Water (and) <i>Linum usitatissimum</i> (Linseed) Seed Extract (and) <i>Salvia hispanica</i> Seed Extract.	4.00	Active
	<b>Acquasolv</b>	PPG-5-Ceteth-20	1,00	Surfactant
	Fragrance	Parfum/Fragrance	0.30	Fragrance

### Procedure

- Disperse Carbopol 940 by sprinkling it on the surface of deionized water. Allow to set until all white powder on surface is wetted. Begin mixing.
- Add preservative with moderate agitation.
- Blend phase B ingredients in a side vassel and add slowly to phase A with moderate agitation.
- Adjust pH (6.5-7.0) with phase C. Mix with sweeping agitation until a clear and uniform gel is obtained.
- Add phase D previously prepared. Mix.
- Add one by one phase E ingredients mixing after 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.

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## TREATMENT HAIR MASK (KINKY HAIR) 4A – 4B – 4C

# CAM003C17

Phase	Name	INCI	% (w/w)	Function
A	<b>Hidragloss Quat C22</b>	Cetearyl Alcohol (and) Behentrimonium Chloride (and) <i>Astrocaryum murumuru</i> Seed Butter	4.00	Active
	<b>Sensoveil Sil</b>	Orbignya speciosa Kernel Oil (and) Hydrogenated Soybean Oil (and) Cocos nucifera (Coconut) Oil (and) <i>Linum usitatissimum</i> (Linseed) Seed Oil	3.00	Emollient
	Cetearyl alcohol	Cetearyl Alcohol	6.00	Emulsifier
	Cetyl alcohol	Cetyl Alcohol	1.00	Emulsifier
	Stearamidopropyl Dimethylamine	Stearamidopropyl Dimethylamine	2.00	Antistatic
B	Water q.s.to	Aqua/Water	100.00	Solvent
	Disodium EDTA	Disodium EDTA	0.10	Chellant
	Glycerin	Glycerin	2.00	Humectant
	Cetrimonium Chloride 50%	Cetrimonium Chloride	2.00	Antistatic
	Lactic acid 85%	Lactic Acid	2.20	pH adjust
C	<b>Wavemax</b>	Water (and) <i>Linum usitatissimum</i> (Linseed) Seed Extract (and) <i>Salvia hispanica</i> Seed Extract.	5.00	Active
	Fragrance	Parfum/Fragrance	0.30	Perfuming
	<b>Hebeato<sup>®</sup> Plus</b>	Xylityl Sesquicaprylate	0,25	Preservative

### Procedure:

- Heat phases A and B, separately at 80-85°C.
- Add phase B to phase A. Emulsify.
- Maintain temperature and agitation for 10 minutes.
- Start cooling under moderate agitation.
- At about 40°C, add one by one the ingredients of phase C, mixing after each addition.

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## COMBING CREAM – CURLY HAIR 3A - 3B - 3C

# CLV003B17

Phase	Name	INCI	% (w/w)	Function
A	<b>Sensoveil Sil</b>	Orbignya speciosa Kernel Oil (and) Hydrogenated Soybean Oil (and) Cocos nucifera (Coconut) Oil (and) Linum usitatissimum (Linseed) Seed Oil	3.00	Emollient
	<b>Profilm</b>	Cetyl Acetate (and) Oleyl Acetate (and) Acetylated Lanolin Alcohol	1.00	Emollient
	Cetearyl Alcohol	Cetearyl Alcohol	3.50	Emulsifier
	Cetyl Alcohol	Cetyl Alcohol	1.00	Emulsifier
B	Water q.s.to.	Aqua/Water	100.00	Solvent
	Disodium EDTA	Disodium EDTA	0.10	Chellant
	Glycerin	Glycerin	6.00	Humectant
	Cetrimonium chloride 50%	Cetrimonium Chloride	1.00	Antistatic
C	Citric acido 50%	Citric Acid	0.10	pH adjust
D	<b>Wavemax</b>	Water (and) <i>Linum usitatissimum</i> (Linseed) Seed Extract (and) <i>Salvia hispanica</i> Seed Extract.	4.00	Active
	Fragrance	Parfum/Fragrance	0.30	Perfuming
	<b>Hebeato<sup>®</sup> Plus</b>	Xylityl Sesquicaprylate	0.25	Preservative

### Procedure:

- Heat phases A and B, separately at 80-85°C.
- Add phase B to phase A. Emulsify.
- Maintain temperature and agitation for 10 minutes.
- Start cooling under moderate agitation.
- At about 60°C, add phase C. Mix.
- Add one by one the ingredients of phase D, mixing after each addition.

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